

欧州AI関連特許調査（2021年1月～6月分） 150件

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Espacenet 検索用番号	代表文献番号	出願人国籍	公知日	出願日	発明の名称	出願人or権利者	IPC	結果
EP3764175	EP-A-003764175	日本	2021/1/13	2019/2/1	CONTROL DEVICE AND CONTROL SYSTEM	Omron Corporation	G05B19/05	○
EP3763506	EP-A-003763506	米国	2021/1/13	2012/10/10	SYSTEM FOR DISPLAYING PROCESSED DATA FROM MOLDS	Progressive Components International Corporation	B29C45/17 B29C45/76 G05B19/418 他	○
EP3761126	EP-A-003761126	日本	2021/1/6	2019/1/22	CONTROLLER, CONTROL METHOD, AND PROGRAM	Omron Corporation	G05B19/05 G06F9/50	○
EP3760374	EP-A-003760374	日本	2021/1/6	2019/2/14	METHOD AND DEVICE FOR GENERATING TOOL PATHS	Makino Milling Machine Co., Ltd.	B23Q15/00 G05B19/4093	◎
EP3767560	EP-A-003767560	日本	2021/1/20	2019/2/4	FUTURE STATE ESTIMATION DEVICE AND FUTURE STATE ESTIMATION METHOD	Hitachi, Ltd.	G06Q10/04 G05B13/02 G05B23/02	○
EP3767416	EP-A-003767416	米国	2021/1/20	2008/5/15	EMBEDDED HISTORIANS WITH DATA AGGREGATOR	Rockwell Automation Technologies, Inc.	G05B19/418 G05B23/02 G16H10/60	○
EP3767406	EP-A-003767406	米国	2021/1/20	2020/7/20	CONTROLLER AREA NETWORK AND CONNECTIVITY HEALTH TROUBLESHOOTING SYSTEM	Deere & Company	G05B19/042 G07C5/00	○
EP3767401	EP-A-003767401	日本	2021/1/20	2019/3/5	LEARNING DEVICE, LEARNING METHOD, AND PROGRAM THEREFOR	Omron Corporation	G05B13/02 G06N20/00	○
EP3767400	EP-A-003767400	日本	2021/1/20	2019/3/8	LEARNING DEVICE, LEARNING METHOD AND PROGRAM THEREFOR	Omron Corporation	G05B13/02 G06N20/00	○
EP3767399	EP-A-003767399	日本	2021/1/20	2019/2/21	CONTROL DEVICE, CONTROL SYSTEM, CONTROL METHOD, AND CONTROL PROGRAM	Omron Corporation	G05B13/02 G05B23/02 G06N20/00	○
EP3759563	EP-A-003759563	米国 米国 フランス	2021/01/06	2018/02/26	CENTRALIZED SHARED AUTONOMOUS VEHICLE OPERATIONAL MANAGEMENT	NISSAN NORTH AMERICA INC ;UNIV MASSACHUSETTS ;RENAULT SAS	G05D1/02 B25J9/16 B60R16/02 他	○
EP3762794	EP-A-003762794	日本	2021/01/13	2018/03/05	METHOD, DEVICE, SYSTEM AND PROGRAM FOR SETTING LIGHTING CONDITION AND STORAGE MEDIUM	OMRON TATEISI ELECTRONICS CO	G05B19/418 G01N21/88 G06T7/00	○
EP3762795	EP-A-003762795	日本	2021/01/13	2018/03/06	METHOD, DEVICE, SYSTEM AND PROGRAM FOR SETTING LIGHTING CONDITION AND STORAGE MEDIUM	OMRON TATEISI ELECTRONICS CO	G05B19/418 G01N21/88 G06T7/00	○

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EP3764221	EP-A-003764221	ドイツ	2021/01/13	2019/07/11	METHOD FOR UPDATING SOFTWARE FOR AN AUTOMATION SYSTEM, CONTROL DEVICE FOR AN AUTOMATION SYSTEM, AND AUTOMATION SYSTEM COMPRISING A CONTROL DEVICE	SIEMENS AG	G06F8/65 G05B19/04 G05B19/418 他	○
EP3765228	EP-A-003765228	米国	2021/01/20	2019/03/05	SYSTEM AND METHOD FOR MONITORING AND CONTROLLING BUILD QUALITY DURING ELECTRON BEAM MANUFACTURING	GEN ELECTRIC	B23K15/00 B22F5/00 B22F5/04 他	○
EP3768198	EP-A-003768198	イギリス	2021/01/27	2019/03/20	APPARATUS COMPRISING A FLEXIBLE SHEET WITH A HOLLOW CHAMBER	UNHINDR LTD	A61F2/80	○
EP3069205	EP-B-003069205	イギリス	2021/01/06	2014/11/11	METHOD AND APPARATUS FOR OBTAINING THERMAL PROPERTY DATA	PASSIVSYSTEMS LTD	F24F11/30 F24F11/62 F24F110/10 他	○
EP3447448	EP-B-003447448	米国	2021/01/06	2018/07/20	FAULT-TOLERANCE TO PROVIDE ROBUST TRACKING FOR AUTONOMOUS AND NON-AUTONOMOUS POSITIONAL AWARENESS	TRIFO INC	G01C21/16 G01C21/20	○
EP3543807	EP-B-003543807	スイス	2021/01/06	2019/03/12	METHOD FOR LIMITING VIBRATORY PHENOMENA AT THE PART/TOOL INTERFACE	WILLEMIN MACODEL SA	G05B19/19	○
EP3543808	EP-B-003543808	スイス	2021/01/06	2019/03/12	METHOD FOR LIMITING VIBRATORY PHENOMENA AT THE PART/TOOL INTERFACE	WILLEMIN MACODEL SA	G05B19/19	○
EP3603010	EP-B-003603010	ドイツ	2021/01/06	2018/04/13	METHOD AND CORRESPONDING SYSTEM FOR TRANSFERRING DATA FROM ONE DEVICE TO A DATA PROCESSING MEANS	SIEMENS AG	H04L29/06	○
EP2541355	EP-B-002541355	日本	2021/01/13	2012/06/26	Machine control program creating device	JTEKT CORP	G05B19/4093 G05B19/4093	○
EP2888637	EP-B-002888637	米国	2021/01/13	2013/07/22	PLANT CONTROL OPTIMIZATION SYSTEM	GEN ELECTRIC	G05B13/04 G05B19/418 H04L29/08	○
EP2974825	EP-B-002974825	韓国	2021/01/13	2015/03/02	MOBILE TERMINAL AND METHOD FOR CONTROLLING THE SAME	LG ELECTRONICS INC	B23Q15/00 H04W4/80 B29C67/00 他	○
EP3551420	EP-B-003551420	オーストリア	2021/01/13	2019/02/28	METHOD AND DEVICE FOR VISUALIZING OR EVALUATING A PROCESS STATE	ENGEL AUSTRIA GMBH	B29C45/76	○
EP2399697	EP-B-002399697	フランス	2021/01/20	2011/06/24	Damping device and tool holder such as a boring head, collet chuck or milling spindle	SECO E P B SOC PAR ACTIONS SIMPLIFIEE	B23B27/00 B23B29/02 B23C5/00 他	○
EP3286115	EP-B-003286115	スイス	2021/01/27	2016/04/20	INSTALLATION METHOD FOR SETTING UP CONVEYING DEVICES	INTERROLL HOLDING AG	B65G43/10	○

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EP3764290	EP-A-003764290	日本	2021/1/13	2019/3/1	INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND PROGRAM	Omron Corporation	G06N20/00 B25J13/00	◎
EP3764179	EP-A-003764179	スイス	2021/1/13	2019/7/8	ASSESSING CONDITIONS OF INDUSTRIAL EQUIPMENT AND PROCESSES	ABB Schweiz AG	G05B23/02 G06N5/02	○
EP3767555	EP-A-003767555	日本	2021/1/20	2019/3/7	CALCULATION DEVICE, CALCULATION METHOD, AND PROGRAM	Omron Corporation	G06N20/00 B25J13/00	○
EP3766643	EP-A-003766643	日本	2021/1/20	2019/2/20	OPERATION CONTROL DEVICE FOR ROBOT	Omron Corporation	B25J13/08 B25J13/00 G06N20/00	○
EP3767582	EP-A-003767582	日本	2021/1/20	2019/3/13	INSPECTION SYSTEM, DISCRIMINATION SYSTEM, AND LEARNING DATA GENERATOR	Omron Corporation	G06T7/00 G06K9/62 G06N3/04 他	○
EP3760374	EP-A-003760374	日本	2021/1/6	2019/2/14	METHOD AND DEVICE FOR GENERATING TOOL PATHS	Makino Milling Machine Co., Ltd.	B23Q15/00 G05B19/4093 G05B19/4097	○

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EP3771951	EP-A-003771951	日本	2021/2/3	2020/2/24	USING DATA FROM PLC SYSTEMS AND DATA FROM SENSORS EXTERNAL TO THE PLC SYSTEMS FOR ENSURING DATA INTEGRITY OF INDUSTRIAL CONTROLLERS	Hitachi, Ltd.	G05B19/05 G05B19/418	○
EP3779623	EP-A-003779623	ドイツ	2021/2/17	2019/8/13	A SYSTEM FOR GENERATION OF A HOLISTIC DIGITAL TWIN	Siemens Aktiengesellschaft	G05B19/418	○
EP3774267	EP-A-003774267	ドイツ	2021/02/17	2019/03/26	METHOD FOR THE AUTOMATIC PROCESS MONITORING AND PROCESS DIAGNOSIS OF A PIECE-BASED PROCESS (BATCH PRODUCTION), IN PARTICULAR AN INJECTION-MOLDING PROCESS, AND MACHINE THAT PERFORMS THE PROCESS OR SET OF MACHINES THAT PERFORMS THE PROCESS	KRAUSS MAFFEI TECH GMBH	B29C45/76	○
EP3774297	EP-A-003774297	米国	2021/02/17	2018/10/04	OBJECT ORIENTATION AND/OR POSITION FOR ADDITIVE MANUFACTURING	HEWLETT PACKARD DEVELOPMENT CO	B29C64/393 B22F10/14 B22F10/30 他	○
EP3776112	EP-A-003776112	米国	2021/02/17	2019/04/08	SYSTEM AND METHOD FOR TRACKING PRODUCTION LINE PRODUCTIVITY WITH AN INDUSTRIAL PRINTER	VIDEOJET TECHNOLOGIES INC	G05B19/418 B41M1/40 G05B19/18 他	○

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EP3776183	EP-A-003776183	ドイツ	2021/02/17	2019/04/25	METHOD AND PLATFORM FOR DEPLOYMENT OF AN INDUSTRIAL APPLICATION ON AN EDGE COMPUTING DEVICE OF A MACHINE TOOL	SIEMENS AG	G06F8/60 G05B15/00 G05B19/418 他	○
EP3778204	EP-A-003778204	ドイツ	2021/02/17	2019/02/14	SEMIFINISHED SPECTACLE LENS AND METHOD FOR PRODUCING A SEMIFINISHED SPECTACLE LENS	ZEISS CARL VISION INT GMBH	B29D11/00 B24B13/005 B24B13/06 他	○
EP3779300	EP-A-003779300	中国	2021/02/17	2018/12/17	AIR CONDITIONER START CONTROL METHOD, DEVICE, STORAGE MEDIUM AND AIR CONDITIONER	GREE ELECTRIC APPLIANCES INC ZHUHAI	F24F11/46 F24F11/89 F24F110/12 他	○
EP3779764	EP-A-003779764	インド	2021/02/17	2020/08/07	MULTISCALE MATERIAL SELECTION METHOD FOR DESIGNING MECHANICAL SYSTEMS	TATA CONSULTANCY SERVICES LTD	G06F30/20	○
EP3309637	EP-B-003309637	日本 ドイツ	2021/02/24	2013/07/30	CONTROL SYSTEM FOR CONTROLLING OPERATION OF A NUMERICALLY CONTROLLED MACHINE TOOL, AND BACK-END AND FRONT-END CONTROL DEVICES FOR USE IN SUCH SYSTEM	DMG MORI CO LTD DMG MORI AG	G05B19/414	○
EP3772411	EP-A-003772411	ドイツ	2021/2/10	2019/8/6	SEPARATION OF STATES OF MECHANICAL PRESSES BY ANALYSING TRAINED PATTERNS IN A NEURAL NETWORK	Siemens Aktiengesellschaft	B30B15/00 G05B23/02 G06N3/04 他	○
EP3783543	EP-A-003783543	日本	2021/2/24	2019/3/29	LEARNING SYSTEM, LEARNING METHOD, AND PROGRAM	Rakuten, Inc.	G06N20/00 G06N5/04 G06Q30/06	×
EP3776183	EP-A-003776183	ドイツ	2021/02/17	2019/04/25	METHOD AND PLATFORM FOR DEPLOYMENT OF AN INDUSTRIAL APPLICATION ON AN EDGE COMPUTING DEVICE OF A MACHINE TOOL	SIEMENS AG	G06F8/60 G05B15/00 G05B19/418 他	○

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EP3796229	EP-A-003796229	カナダ	2021/3/24	2017/8/21	METHODS AND SYSTEMS FOR IMPLEMENTING DYNAMIC NEURAL NETWORKS	APPLIED BRAIN RESEARCH INC.	G06N3/04 G06N3/10	○
EP3786748	EP-A-003786748	日本	2021/3/3	2019/1/18	FAULT INDICATOR DIAGNOSTIC SYSTEM AND FAULT INDICATOR DIAGNOSTIC METHOD	HITACHI LTD	G05B23/02	○
EP3791236	EP-A-003791236	米国	2021/03/17	2019/02/28	METHODS AND SYSTEMS FOR DATA COLLECTION, LEARNING, AND STREAMING OF MACHINE SIGNALS FOR ANALYTICS AND MAINTENANCE USING THE INDUSTRIAL INTERNET OF THINGS	STRONG FORCE IOT PORTFOLIO 2016 LLC	G05B23/02 G01H1/00 G05B13/02 他	○
EP3786736	EP-A-003786736	スイス	2021/3/3	2019/8/28	CONTROL FOR A LASER CUTTING HEAD MOVEMENT IN A CUTTING PROCESS	Bystronic Laser AG	G05B19/4093	○
EP3796109	EP-A-003796109	ドイツ	2021/3/24	2019/9/18	SYSTEM, APPARATUS AND METHOD FOR PREDICTING ATTRIBUTES OF AN ASSET	Siemens Aktiengesellschaft	G05B13/04 G05B23/02	○
EP3791996	EP-A-003791996	韓国	2021/3/17	2019/5/22	METHOD FOR PROCESSING SUPERFINE BLADE EDGE USING FEMTOSECOND LASER	21th Century Co.,Ltd	B23P15/40 B23K26/0622 B23K26/064 他	○
EP3798895	EP-A-003798895	米国	2021/3/31	2020/9/16	OPTIMIZED SUPPORT DESIGN FOR SINTERING PARTS WITH COMPLEX FEATURES	General Electric Company	G06F30/20 B22F1/00 B22F3/00 他	○
EP3798818	EP-A-003798818	米国	2021/3/31	2020/8/26	SYSTEM AND METHOD FOR INDUSTRIAL AUTOMATION RULES ENGINE	Rockwell Automation Technologies, Inc.	G06F8/34 G05B19/042 G06F8/33 他	○
EP3798817	EP-A-003798817	米国	2021/3/31	2020/3/30	USER INTERFACE LOGICAL AND EXECUTION VIEW NAVIGATION AND SHIFTING	Rockwell Automation Technologies, Inc.	G06F8/34 G05B19/00 G05B19/042 他	○
EP3798816	EP-A-003798816	米国	2021/3/31	2020/8/26	SYSTEM AND METHOD FOR SMART SELECTION AND BUILDING OF INDUSTRIAL AUTOMATION CONTROL SYSTEMS FROM INDUSTRIAL AUTOMATION CONTROL LIBRARIES AND OBJECTS	Rockwell Automation Technologies, Inc.	G06F8/33 G05B19/042 G06F8/34	○
EP3798776	EP-A-003798776	米国	2021/3/31	2020/3/31	PROGRESSIVE CONTEXTUALIZATION AND ANALYTICS OF INDUSTRIAL DATA	Rockwell Automation Technologies, Inc.	G05B19/418 H04L12/24	○
EP3798775	EP-A-003798775	米国	2021/3/31	2020/3/30	VIRTUAL DESIGN ENVIRONMENT	Rockwell Automation Technologies, Inc.	G05B19/418 G06F8/34	○

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EP3798774	EP-A-003798774	ドイツ	2021/3/31	2019/9/26	A SYSTEM AND METHOD FOR MINIMIZING NON-PRODUCTIVE IDLE TIMES WITHIN AN AUTOMATION PROCESS	Siemens Aktiengesellschaft	G05B19/418	○
EP3798768	EP-A-003798768	米国	2021/3/31	2020/3/30	COLLABORATION TOOLS	Rockwell Automation Technologies, Inc.	G05B19/05 G06F8/20 G06F8/30 他	○
EP3798765	EP-A-003798765	米国	2021/3/31	2020/8/26	SYSTEM AND METHOD FOR LIGHT ENGINEERING CLIENT FOR INDUSTRIAL AUTOMATION SYSTEM	Rockwell Automation Technologies, Inc.	G05B19/042 G05B23/02 G06F8/34	○
EP3798764	EP-A-003798764	米国	2021/3/31	2020/8/18	SYSTEM AND METHOD FOR CUSTOMER-SPECIFIC NAMING CONVENTIONS FOR INDUSTRIAL AUTOMATION DEVICES	Rockwell Automation Technologies, Inc.	G05B19/042	○
EP3798762	EP-A-003798762	米国	2021/3/31	2020/8/4	DRAG AND DROP DESIGN INTERFACE FOR AN INDUSTRIAL AUTOMATION DEVICE	Rockwell Automation Technologies, Inc.	G05B19/042	○
EP3798760	EP-A-003798760	米国	2021/3/31	2020/8/3	SYSTEM AND METHOD FOR INDUSTRIAL AUTOMATION PROJECT CODE ANALYSIS	Rockwell Automation Technologies, Inc.	G05B19/042	○
EP3798759	EP-A-003798759	米国	2021/3/31	2020/3/31	PREFERENTIAL AUTOMATION VIEW CURATION	Rockwell Automation Technologies, Inc.	G05B19/042 G05B19/05 G06F8/34	○
EP3798758	EP-A-003798758	米国	2021/3/31	2020/3/30	SYSTEM AND METHOD FOR GENERATING SYSTEM PROJECT DATA	Rockwell Automation Technologies, Inc.	G05B19/042 G06Q10/06	○
EP3798757	EP-A-003798757	米国	2021/3/31	2020/3/30	TASK BASED CONFIGURATION PRESENTATION CONTEXT	Rockwell Automation Technologies, Inc.	G05B19/042	○
EP3798756	EP-A-003798756	米国	2021/3/31	2020/3/27	INDUSTRIAL AUTOMATION DOMAIN-SPECIFIC LANGUAGE PROGRAMMING PARADIGM	Rockwell Automation Technologies, Inc.	G05B19/042 G05B19/05 G06F8/41	○
EP3798748	EP-A-003798748	ドイツ	2021/3/31	2019/9/26	METHOD AND SYSTEM FOR SECURE EXCHANGE OF DATA ACROSS RESEARCH FACILITIES	Covestro Deutschland AG	G05B17/02 G05B15/02 G05B19/414	○
EP3784451	EP-A-003784451	米国	2021/03/03	2019/06/14	DEEP REINFORCEMENT LEARNING FOR ROBOTIC MANIPULATION	GOOGLE LLC	B25J9/16	○
EP3785077	EP-A-003785077	オランダ	2021/03/03	2019/03/04	METHOD TO LABEL SUBSTRATES BASED ON PROCESS PARAMETERS	ASML NETHERLANDS BV	G03F7/20 G05B19/418	○
EP3785086	EP-A-003785086	日本	2021/03/03	2019/03/22	METHOD FOR OPERATING AN AUTOMATION SYSTEM AND AUTOMATION SYSTEM	OMRON TATEISI ELECTRONICS CO	G05B13/02 G05B19/042	○
EP3785090	EP-A-003785090	ドイツ	2021/03/03	2019/04/17	INDUSTRIAL PRODUCTION PLANT AND METHOD FOR AN AUTOMATED BOOKING OF MANUAL ACTIONS	TRUMPF WERKZEUGMASCHINEN GMBH CO KG	G05B19/418	○

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EP3785158	EP-A-003785158	フランス	2021/03/03	2019/04/24	SYSTEM FOR SECURING A CYBER-PHYSICAL METHOD	UNIV GRENOBLE ALPES	G06F21/55 G05B19/418 G06F21/31 他	○
EP3786747	EP-A-003786747	ドイツ	2021/03/03	2019/08/29	METHOD FOR MONITORING THE OPERATIONAL FUNCTIONALITY OF A SYSTEM CONTROL SYSTEM	SIEMENS AG	G05B23/02	○
EP3788349	EP-A-003788349	米国	2021/03/10	2019/04/24	TECHNIQUES FOR CONTROL OF NON-DESTRUCTIVE TESTING DEVICES VIA A PROBE DRIVER	GEN ELECTRIC	G01N21/88 F16H55/22 G01N21/95 他	○
EP3789142	EP-A-003789142	ドイツ	2021/03/10	2019/09/04	SYSTEM FOR CONTROLLING AND MONITORING DRILLING PROCESS DATA	JOHANNES LUEBBERING GMBH	B23B35/00 B23B49/02	○
EP3789833	EP-A-003789833	ドイツ	2021/03/10	2020/07/15	METHOD FOR MONITORING A TOOL CLAMPING DEVICE	OTT JAKOB SPANNTECHNIK GMBH	B23Q17/00 B23Q3/00 G05B19/4065	○
EP3792709	EP-A-003792709	ドイツ	2021/03/17	2019/09/10	DEVICE FOR ANALYSING THE NOISES CREATED BY A MACHINE TOOL DURING OPERATION	AVALANCE UG HAFTUNGSBESCHRAENKT	G05B19/048	◎
EP3792712	EP-A-003792712	スイス	2021/03/17	2019/09/12	METHOD FOR CORRECTING THE TOOL PARAMETERS OF A MACHINE TOOL FOR MACHINING WORKPIECES	HEXAGON TECHNOLOGY CT GMBH	G05B19/404 G05B19/418	○
EP3797337	EP-A-003797337	ドイツ	2021/03/31	2019/05/08	METHOD FOR HANDLING A WORKPIECE WITH THE AID OF A REMOVAL TOOL AND MACHINE FOR CARRYING OUT THE METHOD	TRUMPF WERKZEUGMASCHINEN GMBH CO KG	G05B19/406	○
EP3797937	EP-A-003797937	ドイツ	2021/03/31	2019/09/27	STOPPING OF A PRODUCTION MACHINE ON A COLLISION- FREE WEB	SIEMENS AG	B25J9/16 G05B19/4061	○
EP3798841	EP-A-003798841	米国	2021/03/31	2020/08/19	SYSTEM AND METHOD FOR INDUSTRIAL AUTOMATION TROUBLESHOOTING	ROCKWELL AUTOMATION TECH INC	G06F11/07	○
EP3798942	EP-A-003798942	米国	2021/03/31	2020/03/30	ARTIFICIAL INTELLIGENCE CHANNEL FOR INDUSTRIAL AUTOMATION	ROCKWELL AUTOMATION TECH INC	G06Q10/04 G06Q10/06 G06Q10/08 他	○
EP3798947	EP-A-003798947	米国	2021/03/31	2020/03/31	CONTEXTUALIZATION OF INDUSTRIAL DATA AT THE DEVICE LEVEL	ROCKWELL AUTOMATION TECH INC	G06Q10/06	○
EP2766152	EP-B-002766152	カナダ	2021/03/03	2012/10/15	ROBOTIC SERVICING MULTIFUNCTIONAL TOOL	MACDONALD DETTWILER & ASSOCIATES INC	B25J15/04 B23Q3/155 B23Q3/16 他	○
EP3002650	EP-B-003002650	ドイツ	2021/03/10	2015/09/21	DEVICE AND METHOD FOR MASS MACHINING AND/OR PRODUCTION OF A WORKPIECE	FIBRO GMBH	G05B19/401 F16F9/02 H01Q13/10	○
EP3175306	EP-B-003175306	デンマーク	2021/03/10	2015/07/23	OPTIMIZED PARAMETERIZATION OF ACTIVE DISTURBANCE REJECTION CONTROL	DANFOSS POWER ELECTRONICS AS	G05B19/18 G05B13/04 G05B19/416	○

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EP3202238	EP-B-003202238	オランダ	2021/03/10	2015/09/28	SYSTEMS AND METHODS FOR LIGHTING CONTROL	SIGNIFY HOLDING BV	H05B44/00	○
EP3723007	EP-B-003723007	ドイツ	2021/03/10	2019/04/12	METHOD AND CONTROL SYSTEM FOR CONTROLLING AN EXECUTION OF TRANSACTIONS	SIEMENS AG	H04L12/28	○
EP3379358	EP-B-003379358	日本	2021/03/17	2018/01/12	CONTROL SYSTEM, CONTROL DEVICE, CONTROL PROGRAM, AND CONTROL METHOD	OMRON TATEISI ELECTRONICS CO	G05B23/02 G06V10/764	○
EP3076260	EP-B-003076260	日本	2021/03/24	2013/11/26	DEVICE AND METHOD FOR ASSISTING IN DESIGN IMPROVEMENT WORK FOR MECHANICAL DEVICE	FUJI CORP	G05D3/00 G05B19/401 G05B23/02	○
EP3061576	EP-B-003061576	ドイツ	2021/03/31	2015/02/26	METHOD FOR OPTIMIZING A MOVEMENT PROFILE, COMPUTER PROGRAM, CONTROL DEVICE AND TECHNICAL SYSTEM	SIEMENS AG	B25J9/16 G05B19/416	○

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EP3809216	EP-A-003809216	スイス	2021/4/21	2019/10/15	A PRODUCTION LINE FOR MANUFACTURING A PART OF A VEHICLE	ABB Schweiz AG	G05B19/418 G06F16/25 G06N5/02	○
EP3805875	EP-A-003805875	日本	2021/4/14	2019/3/13	CONTROL SYSTEM, CONTROL METHOD, LEARNING DEVICE, CONTROL DEVICE, LEARNING METHOD, AND LEARNING PROGRAM	OMRON Corporation	G05B13/02 G05B13/04 G06N20/00	○
EP3800539	EP-A-003800539	米国	2021/04/07	2020/09/22	METHOD AND SYSTEM FOR OPERATING A METAL DROP EJECTING THREE-DIMENSIONAL (3D) OBJECT PRINTER TO COMPENSATE FOR DROP SIZE VARIATIONS	PALO ALTO RES CT INC XEROX CORP	G06F3/12 B22F12/90 B29C64/188 他	○
EP3804951	EP-A-003804951	オーストリア	2021/04/14	2019/02/28	VISUALIZATION DEVICE AND EVALUATION DEVICE FOR A PRODUCTION LINE COMPRISING AT LEAST ONE CYCLICALLY OPERATING MOLDING MACHINE	ENGEL AUSTRIA GMBH	B29C45/76	○
EP3807730	EP-A-003807730	スペイン	2021/04/21	2019/06/13	QUALITY MONITORING OF INDUSTRIAL PROCESSES	GESTAMP SERVICIOS S A	G05B19/418 G06Q10/00	○
EP3809212	EP-A-003809212	オーストリア	2021/04/21	2019/10/15	SMARTGRIPPER COMPRISING A DATA PROCESSING UNIT	TYROLON SCHULNIG GMBH	G05B19/042 B25J15/00 B65G47/74 他	○
EP3811200	EP-A-003811200	ドイツ	2021/04/28	2018/07/24	SEMANTICS-BASED INTERNET OF THINGS DEVICE DATA PROCESSING-RELATED APPLICATION INSTALLATION METHOD AND APPARATUS	SIEMENS AG	G06F8/10 G06F8/61	○
EP3811288	EP-A-003811288	米国	2021/04/28	2019/06/19	SYSTEMS AND METHODS FOR AUTOMATED ADAPTIVE MANUFACTURING OF AIRFOIL CASTINGS	RAYTHEON TECH CORP	G06K9/00	○

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EP3493005	EP-B-003493005	ドイツ	2021/04/07	2018/11/01	METHOD FOR DETECTING AT LEAST ONE TOOL CONDITION OF A TOOL OF A TOOLING MACHINE FOR MACHINING WORKPIECES AND TOOLING MACHINE	POINT 8 GMBH	G05B19/4065 B23Q17/09 B23Q17/10	○
EP2043022	EP-B-002043022	米国	2021/04/14	2008/09/29	System, method and computer readable medium for autonomously performing activities in an industrial automation environment	ROCKWELL AUTOMATION TECH INC	G06K7/00	○
EP3285127	EP-B-003285127	米国	2021/04/14	2017/06/29	REMOTE INDUSTRIAL AUTOMATION SITE OPERATION IN A CLOUD PLATFORM	ROCKWELL AUTOMATION TECH INC	G05B23/02 G05B19/418	○
EP3382485	EP-B-003382485	日本	2021/04/14	2018/02/21	CONTROLLER, CONTROL PROGRAM, CONTROL SYSTEM, AND CONTROL METHOD	OMRON TATEISI ELECTRONICS CO	G05B23/02 G05B19/042	○
EP3453361	EP-B-003453361	韓国	2021/04/14	2016/06/27	ARTIFICIAL TOOTH MANUFACTURING DEVICE	DDS COMPANY	61C13/08 A61C13/00 A61C13/12 他	○
EP3620281	EP-B-003620281	イタリア	2021/04/14	2019/08/20	MACHINE WITH INTERCHANGEABLE TOOLS FOR THE WORKING OF SHEET MATERIALS	SASSOMECCANICA S P A	B26D7/26 B23Q1/01 B23Q3/155 他	○
EP3382475	EP-B-003382475	日本	2021/04/21	2018/03/12	WIRE ELECTRIC DISCHARGE MACHINE COMPRISING CONTROL DEVICE AND MACHINE LEARNING DEVICE	FANUC CORP	B23H7/02 B23H7/20 G05B13/02	○
EP3651081	EP-B-003651081	ドイツ	2021/04/21	2018/11/09	TUNING OF AXIS CONTROL OF MULTI-AXIS MACHINES	SIEMENS AG	G05B19/408 G06N5/02 G06N20/00	○
EP2697696	EP-B-002697696	ドイツ	2021/04/28	2012/03/28	PROCESS AND SYSTEM FOR THE PROGRAMMING OF THE CONTROL OF A FORMING MACHINE TOOL AND THE MACHINE TOOL ITSELF	WAFIOS AG	B21F3/02 B21F3/04 G05B19/18 他	○
EP3536449	EP-B-003536449	米国	2021/04/28	2019/03/11	CLOSED-LOOP FLUID CONTROL TO OBTAIN EFFICIENT MACHINING	RAYTHEON TECH CORP	B23Q11/10 B23Q17/09	○
EP3812972	EP-A-003812972	ドイツ	2021/4/28	2019/10/25	METHOD FOR CONTROLLING A ROBOT AND ROBOT CONTROLLER	Robert Bosch GmbH	G06N7/00 G06N3/00 G06N5/00 他	○
EP3812107	EP-A-003812107	日本	2021/4/28	2020/10/13	ROBOT CONTROL DEVICE, AND METHOD AND PROGRAM FOR CONTROLLING THE SAME	CANON KABUSHIKI KAISHA	B25J9/16 G06K9/62 G06N3/04 他	○

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EP3394693	EP-B-003394693	日本	2021/4/7	2016/12/22	DIAGNOSTIC DEVICE, COMPUTER PROGRAM, AND DIAGNOSTIC SYSTEM	RICOH CO LTD	G05B19/4065 G01H3/00 G03G15/00	◎
EP3651081	EP-B-003651081	ドイツ	2021/04/21	2018/11/09	TUNING OF AXIS CONTROL OF MULTI-AXIS MACHINES	SIEMENS AG	G05B19/408 G06N5/02 G06N20/00	○

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EP3816735	EP-A-003816735	日本 日本	2021/5/5	2020/10/30	APPARATUS, METHOD, AND PROGRAM	YOKOGAWA ELECTRIC CORPORATION Yokogawa Solution Service Corporation	G05B13/02	○
EP3815842	EP-A-003815842	日本	2021/5/5	2020/10/28	GRINDING SYSTEM	JTEKT CORPORATION	B24B49/14 B24B49/16 B24B55/02 他	○
EP3815645	EP-A-003815645	米国 ドイツ	2021/5/5	2019/11/1	DENTAL MACHINING SYSTEM FOR PREDICTING THE WEAR CONDITION OF A DENTAL TOOL	DENTSPLY SIRONA Inc. Sirona Dental Systems GmbH	A61C13/00 B23Q17/09 G05B19/4065	○
EP3825048	EP-A-003825048	スウェーデン	2021/5/26	2019/11/20	CLAMPING DEVICE FOR TOOL HOLDER	AB Sandvik Coromant	B23B31/26	○
EP3825047	EP-A-003825047	スウェーデン	2021/5/26	2019/11/20	CLAMPING DEVICE FOR TOOL HOLDER	AB Sandvik Coromant	B23B31/26 B23B31/30	○
EP3825046	EP-A-003825046	スウェーデン	2021/5/26	2019/11/20	CLAMPING DEVICE FOR TOOL HOLDER	AB Sandvik Coromant	B23B31/26	○
EP3823790	EP-A-003823790	米国	2021/05/26	2019/07/17	METHOD AND APPARATUS FOR MAINTAINING A SURFACE SPEED OF A CIRCULAR CUTTING DEVICE	ILLINOIS TOOL WORKS	B24B49/00 B24B49/12	○
EP3824442	EP-A-003824442	米国	2021/05/26	2019/01/31	PREDICTED OBJECT ATTRIBUTES	HEWLETT PACKARD DEVELOPMENT CO	G06T15/00 B22F10/80 B29C64/386 他	○
EP3825794	EP-A-003825794	ドイツ	2021/05/26	2019/11/21	METHOD FOR MONITORING AND / OR PREDICTING MACHINING PROCESSES AND / OR MACHINING RESULTS	PRO MICRON GMBH	G05B19/406	○
EP3825800	EP-A-003825800	日本	2021/05/26	2020/11/02	ANOMALY DETECTION DEVICE, METHOD OF DETECTING ANOMALY, AND PROGRAM	MITSUBISHI HEAVY IND LTD	G05B23/02	○
EP3248730	EP-B-003248730	スペイン スペイン	2021/05/19	2016/05/27	DEVICE AND METHOD FOR COOLING AND LUBRICATING TOOLS IN MACHINING PROCESSES	UNIV DEL PAIS VASCO EUSKAL HERRIKO UNIBERTSITATEA UPV/EHU ;FUNDACION TECNALIA RES & INNOVATION	B23Q11/10	○

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EP3409397	EP-B-003409397	日本	2021/05/19	2017/02/23	SHEET MATERIAL PROCESSING SYSTEM AND METHOD FOR OPERATING SHEET MATERIAL PROCESSING SYSTEM	YAMAZAKI MAZAK CORP	B21D43/00 B21D28/10 B21D43/18 他	○
EP3441835	EP-B-003441835	日本	2021/05/19	2018/02/14	CONTROL DEVICE	OMRON TATEISI ELECTRONICS CO	G05B19/414	○
EP3576907	EP-B-003576907	フランス	2021/05/26	2018/01/26	SHARPENING DEVICE	SOGEST	B24B3/54	○
EP3825050	EP-A-003825050	日本	2021/5/26	2016/8/18	MACHINING CONDITION ADJUSTMENT DEVICE WITH A REINFORCEMENT LEARNING FUNCTION FOR A WIRE ELECTRIC DISCHARGE MACHINE	FANUC CORPORATION	B23H7/20 B23H7/02 G06N99/00	○
EP3817898	EP-A-003817898	ドイツ	2021/05/12	2019/07/01	METHOD AND SYSTEM FOR ANALYSING AND/OR CONFIGURING AN INDUSTRIAL INSTALLATION	KUKA DEUTSCHLAND GMBH	B25J9/16 G05B13/02 G06N3/08	○
EP3825957	EP-A-003825957	日本	2021/5/26	2019/7/11	CONSTRUCTION METHOD, INSPECTION METHOD, AND PROGRAM FOR IMAGE DATA WITH LABEL, AND CONSTRUCTION DEVICE AND INSPECTION DEVICE FOR IMAGE DATA WITH LABEL	Kabushiki Kaisha N-Tech Kabushiki Kaisha Yakult Honsha Tohoshoji Kabushiki Kaisha	G06T7/00 G06K9/62 G06N3/04 他	○

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EP3832415	EP-A-003832415	イタリア	2021/6/9	2020/11/17	AUTOMATION SYSTEM, TRACKING DEVICE OF SAID AUTOMATION SYSTEM, AND METHOD FOR CONTROLLING THE SAME	Friuldev S.r.l.	G05B19/418	○
EP3832412	EP-A-003832412	インド	2021/6/9	2020/12/4	METHOD AND SYSTEM FOR RECOMMENDING TOOL CONFIGURATIONS IN MACHINING	Tata Consultancy Services Limited	G05B19/404	○
EP3839676	EP-A-003839676	スイス	2021/6/23	2019/12/16	THICKNESS COMPENSATION IN A CUTTING AND BENDING PROCESS	Bystronic Laser AG	G05B19/401 B23K26/38	○
EP3839414	EP-A-003839414	スイス	2021/6/23	2019/12/20	ADVANCED THERMAL COMPENSATION OF MECHANICAL PROCESSES	Hexagon Technology Center GmbH	G01B5/00 G01B21/04 G05B9/02	◎
EP3835902	EP-A-003835902	日本	2021/6/16	2019/7/30	CONTROL SYSTEM AND CONTROL DEVICE	OMRON Corporation	G05B23/02 G05B19/18	○
EP3835898	EP-A-003835898	ドイツ 中国 中国 中国	2021/6/16	2018/8/23	ARTIFICIAL INTELLIGENCE COMPUTING DEVICE, CONTROL METHOD AND APPARATUS, ENGINEER STATION, AND INDUSTRIAL AUTOMATION SYSTEM	Siemens Aktiengesellschaft Jie, Ming Xu, Bin Feng, Shangke	G05B19/418 G06F15/00	○

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EP3835894	EP-A-003835894	ドイツ	2021/6/16	2019/12/9	METHOD AND APPARATUS FOR CONFIGURING A MACHINE CONTROLLER	Siemens Aktiengesellschaft	G05B13/02 G05B13/04 G06N20/00	○
EP3834974	EP-A-003834974	スイス	2021/6/16	2019/12/12	A METHOD FOR MANUFACTURING A THIN-WALLED PART	GF Machining Solutions AG	B23C3/18	○
EP3843262	EP-A-003843262	日本	2021/6/30	2019/8/7	SETTING ASSISTANCE DEVICE	OMRON CORPORATION	H02P29/00 G05B13/02	○
EP3843261	EP-A-003843261	日本	2021/6/30	2019/8/7	SETTING ASSISTANCE DEVICE	OMRON CORPORATION	H02P29/00 G05B13/02	○
EP3830658	EP-A-003830658	ドイツ	2021/06/09	2019/09/17	DATA STRUCTURE PRODUCT AND PRODUCT KIT	SIEMENS ENERGY GLOBAL GMBH & CO KG	G05B19/4099	○
EP3830771	EP-A-003830771	米国	2021/06/09	2019/07/31	PREDICTIVE MODELING TOOL	3M INNOVATIVE PROPERTIES CO	G06Q10/04	○
EP3840168	EP-A-003840168	米国	2021/06/23	2016/04/13	SECURE POWER SUPPLY FOR AN INDUSTRIAL CONTROL SYSTEM	BEDROCK AUTOMATION PLATFORMS INC	H02J7/00 G06F1/26 H01M10/42 他	○
EP3841443	EP-A-003841443	ドイツ	2021/06/30	2019/09/27	INFORMATION PROVIDING METHOD AND SYSTEM	SIEMENS AG	G05B19/418 G06V10/44	○
EP3003639	EP-B-003003639	イタリア	2021/06/02	2014/04/09	NC MACHINES WITH IMPROVED WORKTABLE	PROMAC S R L	B23Q1/01	○
EP3741507	EP-B-003741507	フランス	2021/06/02	2020/05/04	METHOD AND DEVICE FOR CONTROLLING A PART DURING MANUFACTURING	I MC	B23Q11/08 B23Q17/20 B23Q17/24 他	○
EP3291945	EP-B-003291945	ドイツ	2021/06/09	2016/04/28	MICROLUBRICATION SYSTEM	BIELOMATIK SCHMIERTECHNIK GMBH	B23Q11/10 F16N7/32	○
EP3457239	EP-B-003457239	日本	2021/06/09	2018/02/13	CONTROL DEVICE AND CONTROL METHOD	OMRON TATEISI ELECTRONICS CO	G05B19/414	○
EP3757693	EP-B-003757693	日本	2021/06/09	2019/06/28	SYSTEM AND METHOD FOR OPERATING AN AUTOMATED MACHINE, AUTOMATED MACHINE, AND COMPUTER-PROGRAM PRODUCT	OMRON TATEISI ELECTRONICS CO	G05B19/042 G05B9/02 G05B19/048 他	○
EP3264205	EP-B-003264205	米国	2021/06/16	2004/10/25	DYNAMIC BROWSER-BASED INDUSTRIAL AUTOMATION INTERFACE SYSTEM AND METHOD	ROCKWELL AUTOMATION TECH INC	G05B19/042 G05B19/418	○
EP3336638	EP-B-003336638	日本	2021/06/23	2017/10/20	CONTROLLER, CONTROL PROGRAM, AND CONTROL METHOD	OMRON TATEISI ELECTRONICS CO	G05B19/05	○
EP3559766	EP-B-003559766	スイス	2021/06/23	2017/12/20	DETERMINING CURRENT AND FUTURE STATES OF INDUSTRIAL MACHINES BY USING A PREDICTION MODEL BASED ON HISTORICAL DATA	ABB SCHWEIZ AG	G05B23/02 G06F17/27	○

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EP3839782	EP-A-003839782	米国	2021/06/23	2020/02/12	DYNAMIC MONITORING AND SECURING OF FACTORY PROCESSES, EQUIPMENT AND AUTOMATED SYSTEMS	NANOTRONICS IMAGING INC	G06F21/55 G05B19/418 G05B23/02 他	○
EP3832552	EP-A-003832552	ドイツ	2021/6/9	2020/7/29	SYSTEM AND METHOD FOR TRAINING A NEURAL ODE NETWORK	Robert Bosch GmbH	G06N3/08 G06N3/04	○
EP3832549	EP-A-003832549	ドイツ	2021/6/9	2019/12/6	METHOD AND DEVICE FOR TESTING	Universität Stuttgart	G06N3/00 G06N5/02 G06N7/00	○
EP3832548	EP-A-003832548	ドイツ	2021/6/9	2019/12/6	METHOD FOR TESTING AND TESTING DEVICE	Universität Stuttgart	G06N3/00 G06N5/02 G06N7/00	○