

米国AI関連特許調査 (2020年4月14日分～6月30日分) 82件

2020年4月分 判定結果 (委員 抽出分)

J-platpat 検索用文献番号	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
200117164	US-A-200117164	日本	2020/4/16	2019/10/10	THERMAL DISPLACEMENT COMPENSATION DEVICE AND NUMERICAL CONTROLLER	FANUC CORPORATION	G05B19/404	◎
200117148	US-A-200117148	韓国	2020/4/16	2019/10/8	ELECTRONIC APPARATUS AND METHOD FOR CONTROLLING THE SAME	Samsung Electronics Co., Ltd.	G05B9/02 G05B13/02	○
200114506	US-A-200114506	米国	2020/4/16	2018/12/4	VIEWPOINT INVARIANT VISUAL SERVOING OF ROBOT END EFFECTOR USING RECURRENT NEURAL NETWORK	Google LLC	B25J9/16 G05B13/02 G06N3/04 他	○
200133257	US-A-200133257	米国	2020/4/30	2019/11/15	METHODS AND SYSTEMS FOR DETECTING OPERATING CONDITIONS OF AN INDUSTRIAL MACHINE USING THE INDUSTRIAL INTERNET OF THINGS	STRONG FORCE IOT PORTFOLIO 2016 LLC	G05B23/02 G05B13/02 G05B19/418 他	○
200133255	US-A-200133255	米国	2020/4/30	2019/11/15	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 G05B13/02 G05B19/418 他	○
200133254	US-A-200133254	米国	2020/4/30	2019/11/14	METHODS AND SYSTEMS FOR DATA COLLECTION, LEARNING, AND STREAMING OF MACHINE SIGNALS FOR PART IDENTIFICATION AND OPERATING CHARACTERISTICS DETERMINATION USING THE INDUSTRIAL INTERNET OF THINGS	Strong Force IOT Portfolio 2016, LLC	G05B23/02 G05B13/02 G05B19/418 他	○
200133246	US-A-200133246	日本	2020/4/30	2019/10/31	LEARNING MODEL GENERATION DEVICE FOR SUPPORTING MACHINE TOOL, SUPPORT DEVICE FOR MACHINE TOOL AND MACHINE TOOL SYSTEM	JTEKT Corporation	G05B19/418 G05B19/4065 G06N20/00	○
200133244	US-A-200133244	日本	2020/4/30	2019/10/10	PREPARING DEVICE, DEBUGGING DEVICE, DATA PREPARING METHOD, AND DATA PREPARING PROGRAM	FANUC CORPORATION	G05B19/418 G05B23/02	○
200133242	US-A-200133242	日本	2020/4/30	2019/10/25	NUMERICAL CONTROLLER	FANUC CORPORATION	G05B19/4155	○
200133241	US-A-200133241	日本	2020/4/30	2019/10/25	NUMERICAL CONTROL SYSTEM	FANUC CORPORATION	G05B19/4155	○
200133240	US-A-200133240	日本	2020/4/30	2019/10/22	NUMERICAL CONTROLLER	FANUC CORPORATION	G05B19/4155 G05B19/416	○
200133237	US-A-200133237	日本	2020/4/30	2019/10/24	NUMERICAL CONTROLLER	FANUC CORPORATION	G05B19/416	○
200133236	US-A-200133236	日本	2020/4/30	2019/10/23	NUMERICAL CONTROLLER	FANUC CORPORATION	G05B19/416	○

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200133235	US-A-200133235	米国	2020/4/30	2019/10/31	METHODS AND SYSTEMS FOR ENABLING AND SCHEDULING 3D PRINTING-BASED FABRICATION	STRONG FORCE INTELLECTUAL CAPITAL, LLC	G05B19/4099 A23P20/20 B29C64/393 他	○
200133230	US-A-200133230	日本	2020/4/30	2018/3/16	DIAGNOSIS DEVICE, DIAGNOSIS SYSTEM, DIAGNOSIS METHOD, AND COMPUTER-READABLE MEDIUM	GOTO Satoru TAKAMI Junichi SHIRATA Yasunobu UMEZAWA Tomoki MURAMOTO Yohsuke HORIO Takafumi TESHIMA Yu	G05B19/4065 G06N5/04 G06N20/00	○
200133228	US-A-200133228	日本	2020/4/30	2019/10/24	NUMERICAL CONTROLLER	FANUC CORPORATION	G05B19/4063 G05B19/4093 G05B19/4155 他	○
200133226	US-A-200133226	日本	2020/4/30	2019/9/6	OUTPUT DEVICE, CONTROL DEVICE AND METHOD OF OUTPUTTING LEARNING PARAMETER	FANUC CORPORATION	G05B19/402 G06N20/00	○
200133208	US-A-200133208	米国	2020/4/30	2019/9/9	OUTPUT DEVICE, CONTROL DEVICE AND METHOD OF OUTPUTTING EVALUATION FUNCTION VALUE	FANUC CORPORATION	G05B13/04 G05B13/02 G06N5/02	○

2020年5月分 判定結果（委員 抽出分）

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200150636	US-A-200150636	日本	2020/5/14	2019/9/24	System and Method for Supporting Production Management	Hitachi, Ltd.	G05B19/418	○
200150632	US-A-200150632	日本	2020/5/14	2019/10/22	WIRE DISCONNECTION PREDICTION DEVICE	FANUC Corporation	G05B19/4155 B23H7/20 B23H11/00 他	○
200150629	US-A-200150629	米国	2020/5/14	2018/11/12	MASK PROCESS AWARE CALIBRATION USING MASK PATTERN FIDELITY INSPECTIONS	International Business Machines Corporation	G05B19/4155	○
200150628	US-A-200150628	米国	2020/5/14	2019/5/22	DEFECT DETECTION DURING AN AUTOMATED PRODUCTION PROCESS	Rockwell Automation Technologies, Inc.	G05B19/418 G05B11/01	○
200150626	US-A-200150626	オーストリア	2020/5/14	2019/11/7	RE-SHAPING PROCEDURE	GF Casting Solutions Altenmarkt GmbH & Co. KG	G05B19/4099	○
200150616	US-A-200150616	米国	2020/5/14	2018/11/9	METHOD OF MANUFACTURE USING AUTONOMOUS ADAPTIVE MACHINING	United Technologies Corporation	G05B19/402 F01D5/14 G05B19/406	○

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200150599	US-A-200150599	日本	2020/5/14	2019/9/17	OUTPUT DEVICE, CONTROL DEVICE, AND METHOD FOR OUTPUTTING EVALUATION FUNCTIONS AND MACHINE LEARNING RESULTS	FANUC CORPORATION	G05B13/02 G05B13/04	○
200147893	US-A-200147893	台湾	2020/5/14	2019/10/2	ADDITIVE MANUFACTURING SYSTEM AND METHOD AND FEATURE EXTRACTION METHOD	NATIONAL CHENG KUNG UNIVERSITY	B29C64/393 B22F1/00 B23K26/342 他	○
200147737	US-A-200147737	日本	2020/5/14	2019/11/12	DEVICE FOR DETECTING ABNORMALITY IN ATTACHMENT OF TOOL	FANUC CORPORATION	B23Q3/155	○
200160152	US-A-200160152	ドイツ	2020/5/21	2018/6/29	DEVICE AND METHOD FOR DETERMINING THE STATUS OF A SPINDLE OF A MACHINE TOOL	Siemens Aktiengesellschaft	G06N3/04 B23Q5/10	◎
200159262	US-A-200159262	日本	2020/5/21	2019/10/30	WARM-UP EVALUATION DEVICE, WARM-UP EVALUATION METHOD, AND WARM-UP EVALUATION PROGRAM	FANUC CORPORATION	G05D23/19 G05B13/02	○
200159237	US-A-200159237	米国	2020/5/21	2019/11/18	SYSTEM, METHOD, AND APPARATUS TO PERFORM A SURFACE INSPECTION USING REAL-TIME POSITION INFORMATION	Gecko Robotics, Inc.	G05D1/02 B25J5/00 B25J9/16 他	○
200159207	US-A-200159207	米国	2020/5/21	2019/11/15	METHODS AND SYSTEMS FOR DATA COLLECTION AND ANALYSIS OF MACHINE SIGNALS FOR ANALYTICS AND MAINTENANCE USING THE INDUSTRIAL INTERNET OF THINGS AND A MOBILE DATA COLLECTOR	Strong Force IOT Portfolio 2016, LLC	G05B23/02 G05B13/02 G05B19/418 他	○
200159206	US-A-200159206	米国	2020/5/21	2019/11/15	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 G05B13/02 G05B19/418 他	○
200156322	US-A-200156322	日本	2020/5/21	2019/11/19	FABRICATING SYSTEM, INFORMATION PROCESSING APPARATUS, AND METHOD FOR EXPRESSING SHAPE OF FABRICATION OBJECT	YOROZU Yasuaki	B29C64/393 B33Y30/00 B33Y50/02 他	○
200156236	US-A-200156236	スイス	2020/5/21	2017/5/16	Method And Control System For Controlling Movement Sequences Of A Robot	ABB Schweiz AG	B25J9/00 B25J9/16 G05B13/02 他	○
200156211	US-A-200156211	台湾	2020/5/21	2018/12/27	METHOD AND SYSTEM FOR CONTROLLING POLISHING AND GRINDING	Industrial Technology Research Institute	B24B51/00 B24B21/16 B24B49/00 他	○

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200156210	US-A-200156210	米国 フランス	2020/5/21	2019/11/21	Systems and Methods for Obtaining Real-Time Abrasion Data	Saint-Gobain Abrasives, Inc. Saint-Gobain Abrasifs	B24B49/00 H04B1/3827 H04W4/80	○
200156204	US-A-200156204	ドイツ	2020/5/21	2018/6/13	HONING METHOD AND MACHINE TOOL FOR CONTOUR HONING	Elgan-Diamantwerkzeuge GmbH & Co. KG	B24B33/02 B24B33/08	◎
200167136	US-A-200167136	日本	2020/5/28	2020/1/30	MACHINE SYSTEM, MACHINE CONTROL COMPUTER, BASE SOFTWARE APPLICATION, COMPUTER-READABLE RECORDING MEDIUM, AND MACHINE CONTROL METHOD FOR INTERCOMMUNICATION WITH MACHINES	FANUC CORPORATION	G06F8/40 G05B19/042 G05B19/408 他	○
200166923	US-A-200166923	米国	2020/5/28	2019/11/15	METHODS AND SYSTEMS FOR DATA COLLECTION AND ANALYSIS OF MACHINE SIGNALS FOR ANALYTICS AND MAINTENANCE USING THE INDUSTRIAL INTERNET OF THINGS AND A MOBILE DATA COLLECTION	Strong Force IOT Portfolio 2016,llc	G05B23/02 G05B13/02 G05B19/418 他	○
200166922	US-A-200166922	米国	2020/5/28	2019/11/15	METHODS AND SYSTEMS FOR DATA COLLECTION,LEARNING,AND STREAMING OF MACHINE SIGNALS FOR ANALYTICS AND PREDICTED MAINTENANCE USING THE INDUSTRIAL INTERNET OF THINGS	Strong Force IOT Portfolio 2016,llc	G05B23/02 G05B13/02 G05B19/418 他	○
200166905	US-A-200166905	米国	2020/5/28	2020/1/28	OPTIMAL MACHINING PARAMETER SELECTION USING A DATA-DRIVEN TOOL LIFE MODELING APPROACH	General Electric Company	G05B19/4065 G05B19/404 G05B19/416	◎

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200174464	US-A-200174464	米国	2020/6/4	2019/11/15	METHODS AND SYSTEMS FOR DETECTING OPERATING CONDITIONS OF AN INDUSTRIAL MACHINE USING THE INDUSTRIAL INTERNET OF THINGS	STRONG FORCE IOT PORTFOLIO 2016 LLC	G05B23/02 G05B13/02 G05B19/418 他	○
200174463	US-A-200174463	米国	2020/6/4	2019/11/15	METHODS AND SYSTEMS FOR DATA COLLECTION OF MACHINE SIGNALS UTILIZING A DISTRIBUTED LEDGER FOR ANALYTICS AND MAINTENANCE USING THE INDUSTRIAL INTERNET OF THINGS	STRONG FORCE IOT PORTFOLIO 2016 LLC	G05B23/02 G05B13/02 G05B19/418 他	○
200174460	US-A-200174460	米国	2020/6/4	2019/12/6	Planning and Adapting Projects Based on a Buildability Analysis	X Development LLC	G05B19/418	○

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200174459	US-A-200174459	日本	2020/6/4	2019/11/27	PRODUCTION PLANNING APPARATUS	FANUC CORPORATION	G05B19/418 G06Q10/06	○
200174457	US-A-200174457	米国	2020/6/4	2018/12/4	AS-DESIGNED, AS-MANUFACTURED, AS-TESTED, AS-OPERATED AND AS-SERVICED COUPLED DIGITAL TWIN ECOSYSTEM	General Electric Company	G05B19/418 G05B13/02	○
200174456	US-A-200174456	米国	2020/6/4	2018/12/4	METHOD AND SYSTEM FOR OPTIMIZING A MANUFACTURING PROCESS BASED ON A SURROGATE MODEL OF A PART	General Electric Company	G05B19/418	○
200174449	US-A-200174449	米国	2020/6/4	2018/6/26	ADDITIVE MANUFACTURING OF INVERSE-DESIGNED METADEVICES	Northwestern University	G05B19/4099 B33Y50/02 B33Y80/00 他	○
200174439	US-A-200174439	日本	2020/6/4	2018/7/27	System, Method, and Program for Manufacturing Computer-Designed Part Members of Furniture Using Machining Equipment	DOMANS, INC.	G05B19/18 G05B19/402	○
200174436	US-A-200174436	ドイツ	2020/6/4	2017/10/17	AUTOMATIC OPTIMIZATION OF THE PARAMETERIZATION OF A MOVEMENT CONTROLLER	SIEMENS AKTIENGESELLSCHAFT	G05B19/042 G05B19/418	○
200171618	US-A-200171618	日本	2020/6/4	2020/2/11	POLISHING MACHINE AND A POLISHING METHOD FOR A SUBSTRATE	Ebara Corporation	B24B37/013 B24B37/04 B24B37/20	○
10678196	US-B-010678196	サウジアラビア	2020/6/9	2020/1/27	<u>Soft sensing</u> of a nonlinear and multimode processes based on semi-supervised weighted Gaussian regression	King Abdulaziz University	G05B13/04 G05B13/02 G06K9/62 他	○
200183369	US-A-200183369	ドイツ	2020/6/11	2018/12/7	Machine Learning Based Resource Allocation In A <u>Manufacturing Plant</u>	SAP SE	G05B19/418 G05B13/02	○
200183363	US-A-200183363	米国	2020/6/11	2018/12/10	AUTOMATIC PROCESS PLANNING FOR <u>ROBOTIC DEBURRING OPERATIONS</u>	United Technologies Corporation	G05B19/416	○
200183358	US-A-200183358	米国	2020/6/11	2020/2/18	CAD-BASED <u>DESIGN CONTROL</u>	PTC Inc.	G05B19/4099 G05B19/4063	○
200183355	US-A-200183355	米国	2020/6/11	2020/2/10	METHODS AND APPARATUS FOR MACHINE LEARNING PREDICTIONS OF <u>MANUFACTURE PROCESSES</u>	Xometry, Inc.	G05B19/4097 G05B19/401 G06F30/00 他	○
200183354	US-A-200183354	日本	2020/6/11	2019/12/3	MONITORING SYSTEM	JUKI CORPORATION	G05B19/4063	○
200183353	US-A-200183353	米国	2020/6/11	2020/2/14	METHOD FOR DATA NORMALIZATION	Duro Labs, Inc.	G05B19/408	○
200183352	US-A-200183352	日本	2020/6/11	2019/11/22	MACHINE TOOL	FANUC CORPORATION	G05B19/19 G05B13/02	◎
200183345	US-A-200183345	ドイツ	2020/6/11	2017/8/29	METHOD AND APPARATUS FOR <u>DETERMINING DATA READING CYCLE</u>	Siemens Aktiengesellschaft	G05B17/02 G06F16/28	○

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200183340	US-A-200183340	ドイツ	2020/6/11	2018/6/29	DETECTING AN UNDEFINED ACTION IN AN <u>INDUSTRIAL SYSTEM</u>	Siemens Aktiengesellschaft	G05B13/02 G05B13/04 G05B23/02	○
200183338	US-A-200183338	日本	2020/6/11	2019/10/28	CONTROL DEVICE, CONTROL METHOD, AND NON-TRANSITORY RECORDING MEDIUM	Fuji Electric Co., Ltd.	G05B13/02 G05B13/04 G06N3/04	○
200180229	US-A-200180229	日本	2020/6/11	2019/12/4	SHAPING SYSTEM, SHAPING METHOD, AND SHAPING CONTROL APPARATUS (AM)	MIMAKI ENGINEERING CO., LTD.	B29C64/393 B29C64/40 B33Y50/02 他	○
200192895	US-A-200192895	米国	2020/6/18	2019/3/13	PROCESS CONTROL TOOL FOR PROCESSING BIG AND WIDE DATA	TIBCO Software Inc.	G06F16/2458 G05B17/02 G06F16/22 他	○
200192344	US-A-200192344	米国	2020/6/18	2018/12/18	Apparatus And Method For Repair Of Edge Devices	General Electric Company	G05B23/02 G05B19/418 H04L12/24 他	○
200192307	US-A-200192307	日本	2020/6/18	2017/2/10	CONTROL CUSTOMIZATION SYSTEM, CONTROL CUSTOMIZATION METHOD, AND CONTROL CUSTOMIZATION PROGRAM	NEC Corporation	G05B13/04 G06N5/00 G06N5/04 他	○
200189103	US-A-200189103	イタリア	2020/6/18	2018/12/17	MULTI-SENSOR OPTIMIZATION OF AUTOMATIC MACHINES TO PREVENT SAFETY ISSUES	Datalogic IP Tech S.r.l.	B25J9/16 G05B19/406 G06N5/02	○
200189099	US-A-200189099	米国	2020/6/18	2018/9/15	IMPROVEMENTS RELATED TO GENERATING A ROBOT CONTROL POLICY FROM DEMONSTRATIONS COLLECTED VIA KINESTHETIC TEACHING OF A ROBOT	Google LLC	B25J9/16 G05B19/423 G06N3/04 他	○
200201311	US-A-200201311	中国	2020/6/25	2019/6/18	EQUIPMENT MAINTENANCE METHOD, EQUIPMENT MAINTENANCE DEVICE, AND STORAGE MEDIUM FOR THE SAME	Shenzhen Jingjiang Yunchuang Technology Co., Ltd.	G05B23/02 G05B19/418	○
200201301	US-A-200201301	米国	2020/6/25	2020/3/3	PREDICTIVE MAINTENANCE AND PROCESS SUPERVISION USING A SCALABLE INDUSTRIAL ANALYTICS PLATFORM	Rockwell Automation Technologies, Inc.	G05B19/418 G05B19/406 G05B19/408 他	○
200201292	US-A-200201292	米国	2020/6/25	2020/2/27	METHOD FOR DATA COLLECTION AND FREQUENCY ANALYSIS WITH SELF-ORGANIZATION FUNCTIONALITY	Strong Force IoT Portfolio 2016, LLC	G05B19/4155 G05B19/418 G05B23/02	○
200201287	US-A-200201287	米国	2020/6/25	2020/2/28	METHOD FOR THE DESIGN AND MANUFACTURE OF COMPOSITES HAVING TUNABLE PHYSICAL PROPERTIES	University of Central Florida Research Foundation, Inc.	G05B19/4099 B29C64/393 B33Y50/02	○

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200201282	US-A-200201282	中国	2020/6/25	2019/12/23	Energy consumption prediction system and method based on the decision tree for CNC lathe turning	Jiangnan University	G05B19/4063 G05B19/18 G06K9/62 他	◎
200184720	US-A-200184720	台湾	2020/6/11	2018/12/19	MACHINING PARAMETER AUTOMATIC GENERATION SYSTEM	INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE	G06T17/10 G06K9/62 G06N3/08	○
200184158	US-A-200184158	米国	2020/6/11	2020/2/17	FACILITATING COMMUNICATIONS WITH AUTOMATED ASSISTANTS IN MULTIPLE LANGUAGES	Google LLC	G06F40/58 G06F16/33 G06F16/332 他	○
200183930	US-A-200183930	米国	2020/6/11	2020/2/13	DETERMINING A USER-SPECIFIC APPROACH FOR DISAMBIGUATION BASED ON AN INTERACTION RECOMMENDATION MACHINE LEARNING MODEL	Splunk Inc.	G06F16/2453 G06F16/2452 G06F16/248 他	○
200183355	US-A-200183355	米国	2020/6/11	2020/2/10	METHODS AND APPARATUS FOR MACHINE LEARNING PREDICTIONS OF MANUFACTURE PROCESSES	Xometry, Inc.	G05B19/4097 G05B19/401 G06F30/00 他	○
200183338	US-A-200183338	日本	2020/6/11	2019/10/28	CONTROL DEVICE, CONTROL METHOD, AND NON-TRANSITORY RECORDING MEDIUM	Fuji Electric Co., Ltd.	G05B13/02 G05B13/04 G06N3/04	○
200180792	US-A-200180792	日本	2020/6/11	2019/12/5	FATIGUE LEVEL CALCULATING DEVICE, FATIGUE LEVEL CALCULATING METHOD, ACTUATOR, ACTUATOR CONTROLLING DEVICE, AND AIRCRAFT	NABTESCO CORPORATION	B64F5/60 B64F5/40 G06N20/00 他	○
200201291	US-A-200201291	日本	2020/6/25	2018/12/12	CONTROL DEVICE	OMRON Corporation	G05B19/4155 G06N5/02	○

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200201282	US-A-200201282	中国	2020/6/25	2019/12/23	Energy consumption prediction system and method based on the decision tree for CNC lathe turning	Jiangnan University	G05B19/4063 G05B19/18 G06K9/62 他	○
200198138	US-A-200198138	日本	2020/6/25	2019/12/23	SEARCH APPARATUS, SEARCH METHOD, AND SEARCH PROGRAM	Mercari, Inc.	B25J9/16 G06N10/00	◎
200198128	US-A-200198128	日本	2020/6/25	2019/11/20	LEARNING DATA CONFIRMATION SUPPORT DEVICE, MACHINE LEARNING DEVICE, AND FAILURE PREDICTING DEVICE	FANUC CORPORATION	B25J9/16 G06F16/2458 G06N5/04 他	○
200202232	US-A-200202232	日本	2020/6/25	2019/12/5	PRODUCTION RECORD DATA ANALYZER	Hitachi, Ltd.	G06N5/02 G06N5/04 G06N20/00	○
200202851	US-A-200202851	中国	2020/6/25	2019/5/30	SPEECH RECOGNITION DEVICE AND SYSTEM	SHENZHEN LENKENG TECHNOLOGY CO., LTD.	G10L15/22 G06F13/40 G06F13/42 他	○