

Product	Patent Grant	Title	Description	Country
Multiple	9460574	Bluetooth Zone Control Using Proximity Detection	Manipulation of control functionality based on the presence of a Bluetooth® beacon	USA
Multiple	2955215	Bluetooth Zone Control Using Proximity Detection	Manipulation of control functionality based on the presence of a Bluetooth® beacon	CANADA
Multiple	6020150602382	Bluetooth Zone Control Using Proximity Detection	Manipulation of control functionality based on the presence of a Bluetooth® beacon	GERMANY
Multiple	ZL2015104158343	Bluetooth Zone Control Using Proximity Detection	Manipulation of control functionality based on the presence of a Bluetooth® beacon	CHINA
Multiple	2015205122560	Bluetooth Zone Control Using Proximity Detection	Manipulation of control functionality based on the presence of a Bluetooth® beacon	CHINA
Multiple	11292698	Coordinated Safety Interlocking Systems And Methods	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	USA
Multiple	11634305	Coordinated Safety Interlocking Systems And Methods	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	USA
Multiple	ZL2016800176966	Coordinated Safety Interlocking Systems And Methods	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	CHINA
Multiple	2980127	Coordinated Safety Interlocking Systems And Methods	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	CANADA
Multiple	6020160233878	Coordinated Safety Interlocking Systems And Methods	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	GERMANY
Multiple	3274287	Coordinated Safety Interlocking Systems And Methods	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	FRANCE
Multiple	3274287	Coordinated Safety Interlocking Systems And Methods	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	UK
Multiple	10520909	Method, System And Related Devices For Operating Multiple Cranes In Unison	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	USA
Multiple	11314218	Method, System And Related Devices For Operating Multiple Cranes In Unison	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	USA
Multiple	10108164	Method, System And Related Devices For Operating Multiple Cranes In Unison	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	USA
Multiple	2948778	Method, System And Related Devices For Operating Multiple Cranes In Unison	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	CANADA
Multiple	2948778	Method, System And Related Devices For Operating Multiple Cranes In Unison	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	CANADA
Multiple	ZL2015900006171	Method, System And Related Devices For Operating Multiple Cranes In Unison	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	CHINA
Multiple	202015009767	Method, System And Related Devices For Operating Multiple Cranes In Unison	SymmetryLock™ A method of interlocking Remotely controlled Tandem Machines	GERMANY
Multiple	10782665	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	USA
Multiple	11073811	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	USA
Multiple	3004857	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	CANADA
Multiple	3422121	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	GERMANY

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Multiple	3422121	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	EUROPE
Multiple	3422121	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	UK
Multiple	ZL2018106781506	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	CHINA
Multiple	ZL201821006888X	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	CHINA
Multiple	3422121	Wireless Emergency Stop Systems, And Corresponding Methods Of Operating A Wireless Emergency Stop System For A Machine Safety Interface	Methods to Link and De-Link a wireless E-Stop transmitter from a machine interface, enabling the machine to continue to operate without having to bypass the receiver interface on the machine	SWEDEN
Multiple	10591887	Devices, Systems, And Methods Related To Controlling Machines Using Operator Control Units And Programmable Logic Controllers	Method of directly connecting a Remote Control to a PLC over WiFi	USA
Multiple	11287792	Devices, Systems, And Methods Related To Controlling Machines Using Operator Control Units And Programmable Logic Controllers	Method of directly connecting a Remote Control to a PLC over WiFi	USA
Multiple	3079677	Devices, Systems, And Methods Related To Controlling Machines Using Operator Control Units And Programmable Logic Controllers	Method of directly connecting a Remote Control to a PLC over WiFi	CANADA
Multiple	394374	Devices, Systems, And Methods Related To Controlling Machines Using Operator Control Units And Programmable Logic Controllers	Method of directly connecting a Remote Control to a PLC over WiFi	MEXICO
Multiple	10523233	Membrane Digital Analog Switches	Method of combining digital and analog functionality on a membrane switch	USA
Multiple	10938406	Membrane Digital Analog Switches	Method of combining digital and analog functionality on a membrane switch	USA
Multiple	ZL2020206580069	Membrane Digital Analog Switches	Method of combining digital and analog functionality on a membrane switch	CHINA
Multiple	6020200028773	Membrane Digital Analog Switches	Method of combining digital and analog functionality on a membrane switch	GERMANY
Multiple	3731252	Membrane Digital Analog Switches	Method of combining digital and analog functionality on a membrane switch	EUROPE
Multiple	3731252	Membrane Digital Analog Switches	Method of combining digital and analog functionality on a membrane switch	SWEDEN
Multiple	11645482	Radio-Frequency Identification (RFID) Systems And Methods For Changing Operator Control Unit (OCU) Configurations	Use of RFID Tags and Badges to change Enable, Disable and change the functionality of a remote control	USA
Multiple	6020210011539	Radio-Frequency Identification (RFID) Systems And Methods For Changing Operator Control Unit (OCU) Configurations	Use of RFID Tags and Badges to change Enable, Disable and change the functionality of a remote control	GERMANY
Multiple	3961503	Radio-Frequency Identification (RFID) Systems And Methods For Changing Operator Control Unit (OCU) Configurations	Use of RFID Tags and Badges to change Enable, Disable and change the functionality of a remote control	EUROPE
Multiple	2020221013608	Association Process For Diverse Bluetooth Devices	Method to bond a wireless E-Stop to a tablet or HMI	GERMANY
Multiple	Published	Association Process For Diverse Bluetooth Devices	Method to bond a wireless E-Stop to a tablet or HMI	EUROPE
Multiple	Pending	Association Process For Diverse Bluetooth Devices	Method to bond a wireless E-Stop to a tablet or HMI	CANADA
Multiple	11487263	Wireless Emergency Stop Systems Including Mobile Device Controllers Linked With Safety Stop Devices	Method to bond a wireless E-Stop to a tablet or HMI	USA
Multiple	Pending	Wireless Emergency Stop Systems Including Mobile Device Controllers Linked With Safety Stop Devices	Method to bond a wireless E-Stop to a tablet or HMI	USA

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Multiple	Pending	Wireless Emergency Stop Systems Including Mobile Device Controllers Linked With Safety Stop Devices	Method to bond a wireless E-Stop to a tablet or HMI	EUROPE
Multiple	2020221053073	Radio Frequency (RF) Diagnostic Coverage For Wireless Emergency Stop Systems And Corresponding Methods Of Operating Wireless Emergency Stop Systems	Method to provide local RF diagnostic coverage in a non-continuously communicating RF network, for the purpose of creating a Safe Proximity Stop system	GERMANY
Multiple	Pending	Radio Frequency (RF) Diagnostic Coverage For Wireless Emergency Stop Systems And Corresponding Methods Of Operating Wireless Emergency Stop Systems	Method to provide local RF diagnostic coverage in a non-continuously communicating RF network, for the purpose of creating a Safe Proximity Stop system	EUROPE
Multiple	Pending	Radio Frequency (RF) Diagnostic Coverage For Wireless Emergency Stop Systems And Corresponding Methods Of Operating Wireless Emergency Stop Systems	Method to provide local RF diagnostic coverage in a non-continuously communicating RF network, for the purpose of creating a Safe Proximity Stop system	KOREA
Armored Transducer	10788350	Submersible Level Sensing With Transducer And Jacketed Cable		United States
CP640, CP800, CP900, CP750-E, CP1000, RemotelQ	11687752	Method And System For Displaying Equipment Fault Code Diagnostic Information		United States
CP640, CP800, CP900, CP750-E, CP1000, RemotelQ	11710019	Method And System For Displaying Equipment Fault Code Diagnostic Information		United States
CP640, CP800, CP900, CP750-E, CP1000, RemotelQ	Pending	Method And System For Displaying Equipment Fault Code Diagnostic Information		International (WIPO)
No Product yet	11070080	Reserve Power Supply System		United States
No Product yet	11070080	Reserve Power Supply System		United States
	Pending	Associating Diverse Bluetooth Devices		United States
CP1000	Pending	Key FOBS And Menu Access Level Authorization For Control Panels Via Bluetooth Pairing With User Devices		United States
CP1000	2022202269	Key FOBS And Menu Access Level Authorization For Control Panels Via Pairing With User Devices		Australia
CP1000	Pending	Key FOBS And Menu Access Level Authorization For Control Panels Via Pairing With User Devices		Canada
CP1000	Pending	Key FOBS And Menu Access Level Authorization For Control Panels Via Pairing With User Devices		European Patent Convention
CP640, CP800, CP900, CP750-E, CP1000	11,914,402	Dynamic Power Curve Throttling	Dynamic Throttle and Pause at Run	United States
CP640, CP800, CP900, CP750-E, CP1000	Pending	Dynamic Power Curve Throttling	Throttle by Maintain	United States

Product	Patent Grant	Title	Description	Country
CP640, CP800, CP900, CP750-E, CP1000	Pending	Dynamic Power Curve Throttling		International (WIPO)
TE625, TG625, CP750-E, CP1000	10056207	Keypad With Replaceable Key Labels		United States
TE625, TG625, CP750-E, CP1000	10262817	Keypad With Replaceable Key Labels		United States
TE625, TG625, CP750-E, CP1000	Pending	Keypad With Replaceable Key Labels		Canada
No Product yet	Pending	Variable Frequency Drive (VFD) Controllers With Engine Failover And Systems Including The Same		United States
CP1000, CP750-E	Pending	Controllers With Machine Learning And Systems Including The Same		United States
CP1000, CP750-E	Pending	Controllers With Machine Learning And Systems Including The Same		United States
CP1000, CP750-E	Pending	Controllers With Machine Learning And Systems Including The Same		United States
No Product yet	Pending	Cavitation Detection Using Torque Load And/Or Instantaneous Fuel Consumption		United States
No Product yet	Pending	Parallel Pumping Controller With Load Sharing		United States
TE625, TG625, CP750-E	D891381	User Interface Unit For Engine And/Or Generator		United States
TE625, TG625, CP750-E, CP1000	183865	User Interface Unit For Engine And/Or Generator		Canada
TE625, TG625, CP750-E, CP1000	ZL201830241988X	User Interface Unit For Engine And/Or Generator		China
TE625, TG625, CP750-E, CP1000	005818887-0001	User Interface Unit For Engine And/Or Generator		European Community
TE625, TG625, CP750-E, CP1000	005818887-0002	User Interface Unit For Engine And/Or Generator		European Community
TE625, TG625, CP750-E, CP1000	005818887-0003	User Interface Unit For Engine And/Or Generator		European Community
TE625, TG625, CP750-E, CP1000	005818887-0004	User Interface Unit For Engine And/Or Generator		European Community
TE625, TG625, CP750-E, CP1000	90058188870001	User Interface Unit For Engine And/Or Generator		United Kingdom
TE625, TG625, CP750-E, CP1000	90058188870002	User Interface Unit For Engine And/Or Generator		United Kingdom
TE625, TG625, CP750-E, CP1000	90058188870003	User Interface Unit For Engine And/Or Generator		United Kingdom
TE625, TG625, CP750-E, CP1000	90058188870004	User Interface Unit For Engine And/Or Generator		United Kingdom