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(54) **Electric power tool and a restart prevention system therefor**

(57) The present invention relates to an electric power tool, in particular a grinder. The invention comprises a mains connector to be selectively connected to a power supply by a user, a hardware switch, which is operable by a user and an electric drive, in particular an electric motor, wherein the switch is arranged in a connection between the connector and the drive to selectively allow supply of power to the drive with the connector connected to the supply, a restart prevention system, comprising at least one opto-coupler, CHARACTERISED IN THAT the restart prevention system is configured to prevent restart of the drive after temporary disconnection from or interruption of power supply with the switch in a state to supply

power to the drive, wherein the opto-coupler is connected to conductors of the connection and there arranged in series with a normally conducting switch part of the switch, which is opened to a non-conductive state in conjunction with user operation of the switch to activate the drive, and the opto-coupler is arranged in a by-pass excluding the switch part of the switch, when the switch part of the switch is in said non-conductive state, to maintain current flow through the opto-coupler while connected via the connection to the power supply. Furthermore the invention relates to a system configured to prevent restart of an electric power tool.

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## EUROPEAN SEARCH REPORT

Application Number  
EP 14 18 3269

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Place of search The Hague		Date of completion of the search 3 July 2015	Examiner Popma, Ronald
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