

Title (en)
ELECTRIC SCREWDRIVER

Title (de)
ELEKTROSCHRAUBER

Title (fr)
VISSEUSE ÉLECTRIQUE

Publication
EP 4257289 A1 20231011 (EN)

Application
EP 22749082 A 20220128

Priority
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Abstract (en)
Provided is an electric screwdriver. The electric screwdriver includes a housing; an electric motor including a motor shaft rotatable about a motor axis; an output assembly including an output shaft movable forward and backward along a direction of a first axis; and a transmission assembly configured to transmit the power outputted by the motor shaft to the output shaft. The electric screwdriver further includes a startup circuit configured to start the electric motor. The startup circuit includes a switch assembly controlling the on state of the startup circuit; and an activation assembly including a detection element electrically connected to the electric motor or connected to the electric motor through a signal and an activation element configured to activate the detection element. The output shaft is capable of driving the detection element to move. The detection element includes one activated state during movement. When the detection element is in the activated state and the switch assembly is on, the electric motor starts.

IPC 8 full level
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