

Title (en)
SCREWDRIVER

Publication
EP 0411483 B1 19930915 (DE)

Application
EP 90114415 A 19900727

Priority
DE 8909208 U 19890729

Abstract (en)
[origin: EP0411483A1] A screwdriver provided with a torque coupling contains a blocking coupling (6), which blocks the moveability of the torque coupling (5) in the rest position and during screwing in, and a sensor (37), which projects, next to the screwing blade (10), from the screwdriver casing (1) in the axial direction (15) towards the workpiece (48), is longitudinally displaceable counter to a restoring force (45) and the displacement movement of which, brought about after striking the workpiece surface (48) by the further screwing advance and directed inwards with respect to the casing, switches the blocking coupling (6) and activates the torque coupling (5). The screwdriver switches on automatically by means of an automatic switching device when the screwing blade (10) is placed on the fastening screw (44). When the tightening torque of the fastening screw (44) is reached, the drive motor is automatically stopped. When the screwdriver is removed from the fastening screw (44), said screwdriver is automatically returned to a rest-switching state. <IMAGE>

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B25B 23/14; B25B 23/145

IPC 8 full level
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CPC (source: EP)
B25B 23/141 (2013.01); **B25B 23/145** (2013.01)

Cited by
EP0774326A1; US5775186A; US7314097B2; US10987793B2

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