

Title (en)
AUTOFEED AUTOMATIC SCREWDRIVER

Title (de)
AUTOMATISCHER SCHRAUBENDREHER MIT AUTOMATISCHER ZUFÜHRUNG

Title (fr)
VISSEUSE AUTOMATIQUE À ALIMENTATION AUTOMATIQUE

Publication
EP 3342540 B1 20201118 (EN)

Application
EP 17210698 A 20171227

Priority
IT 201600131235 A 20161227

Abstract (en)
[origin: EP3342540A1] An autofeed automatic screwdriver (1) comprising: a bit-holding head (2) that internally houses a rotatable screw bit (3), and is adapted to receive at inlet a succession of screws (100) which are arranged in sequence in front of the screw bit (3), and a motor assembly (4) which is adapted to drive into rotation the screw bit (3) about its longitudinal axis; the bit-holding head (2) comprising: an outer casing (6) internally provided with a substantially straight, main duct (7) accommodating the screw bit (3) and open at the bottom to let out the screw (100) ; and a bit-holding rod (14) which extends substantially coaxial to the longitudinal axis (A) of the main duct (7), is inserted in an axially sliding and rotatable manner in the outer casing (6) so as to partially protrude inside of the upper portion of the main duct (7), and is integral with the screw bit (3); the bit-holding rod (14) comprising a straight stem (15) that supports the screw bit (3), and a hollow movable piston (16) which is engaged in a pass-through and axially slidable manner by the straight stem (15) and by the screw bit (3), and is provided, at the face turned towards the shaped tip (3a) of the screw bit (3), with a concave recess or seat (16b) which has a shape substantially complementary to that of the head of the screws (100) to be screwed.

IPC 8 full level
B25B 23/06 (2006.01); **B25B 23/04** (2006.01); **B25B 23/10** (2006.01)

CPC (source: EP)
B25B 23/04 (2013.01); **B25B 23/06** (2013.01); **B25B 23/10** (2013.01)

Cited by
CN112719873A; CN112743323A

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