

Title (en)

TOOL AND METHOD FOR SETTING AN ANCHOR

Title (de)

WERKZEUG UND VERFAHREN ZUM SETZEN EINES ANKERS

Title (fr)

OUTIL ET PROCÉDÉ POUR DISPOSER UNE ANCRE

Publication

EP 3931451 A4 20230118 (EN)

Application

EP 19917368 A 20190227

Priority

CN 2019076311 W 20190227

Abstract (en)

[origin: WO2020172815A1] A tool (10) provides for fast and simple setting of an expanding-type anchor (73) in a panel, particularly a plasterboard panel. The anchor (73) includes a screw fastener (16) and socket (15) with a ferromagnetic flange (22). The screw fastener (16) is held in engagement with a driver (11) by a holder (12) mounted for axial movement along the driver and carrying a magnet for engaging the flange (22). A powered handtool (61) may turn the drive (11) and include a controller (70) monitoring current drawn by the drive motor (63). In response to a current peak that occurs after setting the anchor, the motor is automatically reversed to back the screw fastener (16) out of the socket (15).

IPC 8 full level

B25B 23/12 (2006.01); **B25B 31/00** (2006.01); **F16B 13/00** (2006.01); **F16B 25/00** (2006.01)

CPC (source: EP)

B25B 23/12 (2013.01); **B25B 31/00** (2013.01); **F16B 13/003** (2013.01); **F16B 25/0026** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2020172815A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2020172815 A1 20200903; CN 217976925 U 20221206; EP 3931451 A1 20220105; EP 3931451 A4 20230118

DOCDB simple family (application)

CN 2019076311 W 20190227; CN 201990001312 U 20190227; EP 19917368 A 20190227