

Title (en)
AUXILIARY DRILL HANDLE

Title (de)
BOHRERHILFSGRIFF

Title (fr)
POIGNÉE AUXILIAIRE DE PERCEUSE

Publication
EP 3302858 A1 20180411 (FR)

Application
EP 16731222 A 20160523

Priority
• FR 1554756 A 20150527
• FR 2016051215 W 20160523

Abstract (en)
[origin: WO2016189240A1] The invention relates to an auxiliary handle installed on the body (11) of a drill (1) having a boring axis (Xo), including: an electronic accelerometer (231), with axes (XoYoZo) defining a reference frame, one of the axes (Xo) being the boring axis and the other axis (Yo) being that of the handle (2); a reference surface (SR, SR1 - SR3, 3, 4) associated with the reference frame of the accelerometer (231) in order to determine the relative position between the surface to be bored (S) and the drill (1) and to calculate the set position of the boring axis (Xo); and a display (25) for presenting the set position of the handle (2) calculated from the set position of the boring axis (Xo) in order to perform the boring.

IPC 8 full level
B23B 49/00 (2006.01); **B25F 5/02** (2006.01)

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Citation (examination)
• FR 2847503 A1 20040528 - PHILIPPE MICHEL [FR]
• US 3763570 A 19731009 - ANDERSEN H
• See also references of WO 2016189240A1

Designated contracting state (EPC)
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Designated extension state (EPC)
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