

Title (en)
Device for screwing with no reaction in the handle

Title (de)
Schraubvorrichtung ohne Reaktion im Griff

Title (fr)
Dispositif de vissage sans réaction dans la poignée

Publication
EP 2716414 B1 20151223 (FR)

Application
EP 13187303 A 20131004

Priority
FR 1259458 A 20121005

Abstract (en)
[origin: EP2716414A1] The device has a handle housing (10) including a handle (100), and receiving an electric motor (12). A gear reduction housing (11) receives a gear reduction unit (16) whose sun gear cooperates with a drive shaft (15) of the motor. The gear reduction unit includes a planet carrier cooperating with a rotating end element (17) that is configured for cooperating with an element to be screwed. The gear reduction housing is linked to the handle housing by a rotating link, which is configured such that a negligible reaction force is transmitted to the handle housing during a screwing operation.

IPC 8 full level
B25F 5/02 (2006.01); **B25B 23/00** (2006.01)

CPC (source: EP US)
B25B 21/00 (2013.01 - EP US); **B25B 23/0078** (2013.01 - EP US); **B25F 5/001** (2013.01 - EP US); **B25F 5/025** (2013.01 - EP US)

Cited by
EP3287237A1; FR3055235A1

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)
EP 2716414 A1 20140409; EP 2716414 B1 20151223; FR 2996483 A1 20140411; FR 2996483 B1 20150417; US 2014096989 A1 20140410; US 9555534 B2 20170131

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