

Title (en)  
Electronically insulated fixing screw driver

Title (de)  
Elektronisch isolierter Festhalte-Schraubendreher

Title (fr)  
Tournevis de maintien isolé électroniquement

Publication  
**EP 2633954 A3 20161130 (DE)**

Application  
**EP 13001021 A 20130228**

Priority  
DE 102012004036 A 20120302

Abstract (en)  
[origin: EP2633954A2] The screwdriver has a shaft (21) including a rear end region rotationally rigidly anchored in a handle (1). The shaft includes a front profile head (22) adapted to a profiling of an engaging region of a screw. Bushing parts (3, 5), an elastic part (4) and a front insulating sleeve part (6) surround the shaft. A head part is arranged at a front end of the front insulating sleeve part. The head part includes a sidewardly opened opening, and a center, slot-like sidewardly opened opening at a front wall. A front end part of the shaft forming the profile head projects through the openings. The handle is made of an electrically insulating material i.e. plastic. The shaft is made of metal.

IPC 8 full level  
**B25B 15/02** (2006.01); **B25B 23/10** (2006.01); **B25G 1/12** (2006.01)

CPC (source: EP)  
**B25B 15/02** (2013.01); **B25B 23/101** (2013.01); **B25G 1/125** (2013.01)

Citation (search report)

- [XY] US 5515755 A 19960514 - KUNG SEAN H [US]
- [Y] US 4190091 A 19800226 - COLOGNORI ALDO [US]

Cited by  
WO2017041619A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2633954 A2 20130904; EP 2633954 A3 20161130; EP 2633954 B1 20191002**

DOCDB simple family (application)  
**EP 13001021 A 20130228**