

Title (en)

SCREWDRIVER HAVING A CHANGEABLE DIRECTION FREEWHEEL LOCK

Title (de)

SCHRAUBWERKZEUG MIT RICHTUNGSUMSCHALTBAREM FREILAUFGESPERRE

Title (fr)

OUTIL DE VISSAGE PRÉSENTANT UN MÉCANISME DE BLOCAGE DE ROUE LIBRE À SENS RÉVERSIBLE

Publication

EP 3408055 A1 20181205 (DE)

Application

EP 17700402 A 20170111

Priority

- DE 102016101400 A 20160127
- EP 2017050456 W 20170111

Abstract (en)

[origin: WO2017129402A1] The invention relates to a screwdriver having a changeable direction freewheel lock, having a drive output member (2) that is mounted so as to be rotatable about an axis (a) in a bearing eye (6) of a drive input member (1) and has a circumferential toothing (5) and a drive-output profile portion (4), and locking members (10, 20) that are inserted in a pocket (17, 27) of the drive input member (1) and each have a locking toothing (11, 21) for engaging with the circumferential toothing (5) in a manner preventing rotation. What is essential is that the locking members (10, 20) are two bodies that are movable relative to one another, can be displaced in an articulated manner with respect to one another and each have a switching extension (13, 23) which project into the same switching recess (30) of a switching member (3).

IPC 8 full level

B25B 13/04 (2006.01); **B25B 13/46** (2006.01)

CPC (source: EP US)

B25B 13/04 (2013.01 - EP US); **B25B 13/463** (2013.01 - EP US); **B25B 13/468** (2013.01 - US)

Citation (search report)

See references of WO 2017129402A1

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)

DE 102016101400 A1 20170727; CN 108698210 A 20181023; CN 108698210 B 20210112; EP 3408055 A1 20181205; EP 3408055 B1 20240410; JP 2019508267 A 20190328; TW 201729953 A 20170901; TW I712470 B 20201211; US 10828751 B2 20201110; US 2019030689 A1 20190131; WO 2017129402 A1 20170803

DOCDB simple family (application)

DE 102016101400 A 20160127; CN 201780012688 A 20170111; EP 17700402 A 20170111; EP 2017050456 W 20170111; JP 2018539077 A 20170111; TW 106101834 A 20170119; US 201716072779 A 20170111