

Title (en)

SCREWDRIVER BIT POSITIONING STRUCTURE

Title (de)

POSITIONIERUNGSSTRUKTUR EINES SCHRAUBENDREHEREINSATZES

Title (fr)

STRUCTURE DE POSITIONNEMENT DE L'EMBOUT D'UN TOURNEVIS

Publication

EP 3061572 A1 20160831 (EN)

Application

EP 15166544 A 20150506

Priority

TW 104202910 U 20150225

Abstract (en)

A screwdriver bit positioning structure includes a connecting rod (20) having a screwdriver bit (22). A front end of the screwdriver bit (22) is provided with a positioning sleeve (30). The screwdriver bit is provided with a limit ring (23) and a slide section (24). The positioning sleeve is a hollow sleeve. One end of the positioning sleeve (30) is provided with a hook portion (31). Another end of the positioning sleeve is provided with a magnetic member (33) having a through hole. The screwdriver bit (22) is inserted through the positioning sleeve (30). The hook portion (30) is adapted to engage with the limit ring (23) and slidable on the slide section (24). The screwdriver bit (22) is exposed out of the positioning sleeve (30). The positioning sleeve (30) is movable to adjust its position for attracting different sizes of screws and controlling the depth of screwing the screws. The present invention decreases the number of parts, can be assembled easily, and reduces the cost.

IPC 8 full level

B25B 23/12 (2006.01)

CPC (source: EP)

B25B 23/12 (2013.01)

Citation (search report)

- [X] EP 2837468 A2 20150218 - BLACK & DECKER INC [US]
- [A] US 2008047075 A1 20080228 - CHANG WUN-HAI [TW]
- [A] TW I254660 B 20060511 - JANG WEN-HAI [TW]

Cited by

EP3470176A1; USD885155S; US10792793B2

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 3061572 A1 20160831; TW M501916 U 20150601

DOCDB simple family (application)

EP 15166544 A 20150506; TW 104202910 U 20150225