

Title (en)

FLUSH POSITION INDICATOR FOR FASTENER INSTALLATION TOOL FOR ROOF TRUSS FRAMING AND CONSTRUCTION SYSTEM

Title (de)

AUSRICHTUNGSPPOSITIONSANZEIGE FÜR EIN BEFESTIGUNGSELEMENTMONTAGEWERKZEUG FÜR EINEN DACHTRÄGERRAHMEN UND BAUSYSTEM

Title (fr)

INDICATEUR DE POSITION D'ALIGNEMENT POUR OUTIL D'INSTALLATION D'ÉLÉMENT DE FIXATION DESTINÉ À UNE OSSATURE DE FERME ET SYSTÈME DE CONSTRUCTION

Publication

EP 3658335 A4 20210811 (EN)

Application

EP 18837378 A 20180725

Priority

- US 201715660280 A 20170726
- US 2018043660 W 20180725

Abstract (en)

[origin: WO2019023329A1] An installation tool for fastening a top plate to a roof support member and other structural connections is adapted to drive threaded fasteners at a pre-established angle. The tool preferably includes a rotary driver assembly and a telescopic tube assembly. A guide head assembly is mounted adjacent the outer end of the telescopic tube assembly. Locating or reference structures function to properly precisely set the drive angle of the fastener. Various indicators mounted to the guide head indicate the flush position of a locating surface or reference structure. The flush indicators may employ a projection, a flag, an LED or an audio module.

IPC 8 full level

B25B 23/08 (2006.01); **B25B 15/00** (2006.01); **B25B 21/00** (2006.01); **B25B 23/02** (2006.01); **E04D 15/00** (2006.01)

CPC (source: EP)

B25B 21/007 (2013.01); **B25B 21/02** (2013.01); **B25B 23/005** (2013.01); **B25B 23/10** (2013.01); **B25F 3/00** (2013.01); **B25F 5/026** (2013.01); **B25H 3/00** (2013.01); **E04D 15/00** (2013.01); **E04D 15/04** (2013.01); **E04D 15/047** (2013.01)

Citation (search report)

- [XYI] US 2012204409 A1 20120816 - VANDENBERG ROGER A [US]
- [Y] US 5667126 A 19970916 - BOUCEK ROBERT V [US]
- [A] US 2016354904 A1 20161208 - DICAIRE MARK A [US], et al
- [A] US 2014161561 A1 20140612 - TEBO GLENN J [US]
- See also references of WO 2019023329A1

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)

WO 2019023329 A1 20190131; CA 3062481 A1 20190131; CA 3062481 C 20210803; CN 111032290 A 20200417; EP 3658335 A1 20200603; EP 3658335 A4 20210811; JP 2020531294 A 20201105; JP 6925499 B2 20210825

DOCDB simple family (application)

US 2018043660 W 20180725; CA 3062481 A 20180725; CN 201880039533 A 20180725; EP 18837378 A 20180725; JP 2020502206 A 20180725