

Title (en)

UNIVERSAL SCREW-DRIVING MACHINE SUPPORT FOR A PLATE-LIFTING TOOL, TOOL EQUIPPED WITH THIS SUPPORT, AND IMPLEMENTATION METHOD

Title (de)

UNIVERSELLE SCHRAUBENDREHMASCHINENHALTERUNG FÜR EIN PLATTENHEBEWERKZEUG, MIT DIESER HALTERUNG AUSGESTATTETES WERKZEUG UND IMPLEMENTIERUNGSVERFAHREN

Title (fr)

SUPPORT DE VISSEUSE UNIVERSEL POUR UN OUTIL DE LEVAGE DE PLAQUES, OUTIL MUNI D'UN TEL SUPPORT, ET PROCÉDÉ DE MISE EN OEUVRE

Publication

EP 3215690 B1 20180704 (FR)

Application

EP 15784086 A 20151002

Priority

- FR 1460726 A 20141106
- FR 2015052662 W 20151002

Abstract (en)

[origin: WO2016071592A1] The invention relates to a screw-driving machine support (400) for a plate-lifting tool comprising: - a telescopic mast comprising a fixed segment and a first telescopic segment mounted so as to slide inside the fixed segment; - a mechanism for lifting by means of a gear or winch the first sliding segment relative to the fixed segment, the lifting mechanism comprising a driving shaft with a rotation axis and a reversible fastening means with a shaft for screwing and unscrewing a screw-driving machine; the screw-driving machine support (400) being characterised in that it comprises, in the position of use: - a member (410) for fastening to the mast (10); - a so-called "lateral" stop (420) which is vertical, parallel and laterally offset to the axis of rotation of the driving shaft by a given centre distance, and is designed to lock a screw-driving machine handle laterally in the position of use; - a member (430) for adjusting the position of the vertical stop (420) relative to the axis of rotation of the driving shaft.

IPC 8 full level

E04F 21/18 (2006.01); **B25H 1/00** (2006.01)

CPC (source: CN EP US)

B25H 1/0035 (2013.01 - CN EP US); **E04F 21/1811** (2013.01 - CN EP US)

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 2016071592 A1 20160512; AU 2015341619 A1 20170525; AU 2015341619 B2 20180104; CA 2966969 A1 20160512; CN 107000198 A 20170801; CN 107000198 B 20200904; EP 3215690 A1 20170913; EP 3215690 B1 20180704; ES 2683643 T3 20180927; FR 3028196 A1 20160513; FR 3028196 B1 20170331; IL 252078 A0 20170731; JP 2017535704 A 20171130; PL 3215690 T3 20181031; SG 11201703657Q A 20170629; US 10465392 B2 20191105; US 2017335579 A1 20171123

DOCDB simple family (application)

FR 2015052662 W 20151002; AU 2015341619 A 20151002; CA 2966969 A 20151002; CN 201580064067 A 20151002; EP 15784086 A 20151002; ES 15784086 T 20151002; FR 1460726 A 20141106; IL 25207817 A 20170503; JP 2017543902 A 20151002; PL 15784086 T 20151002; SG 11201703657Q A 20151002; US 201515523689 A 20151002