

Title (en)
DEVICE FOR SETTING FASTENING ELEMENTS

Title (de)
VORRICHTUNG ZUM SETZEN VON BEFESTIGUNGSELEMENTEN

Title (fr)
DISPOSITIF DE POSE D'ÉLÉMENTS DE FIXATION

Publication
EP 2512705 B1 20150729 (DE)

Application
EP 10785393 A 20101123

Priority
• DE 102009058982 A 20091218
• EP 2010068059 W 20101123

Abstract (en)
[origin: WO2011072996A1] The invention relates to a device for setting fastening elements (1), wherein a master shaft rod (14) can be moved via a master motion link (16) into a forward set position in order to be able to set the fastening element (1) also at inaccessible or vertical locations.

IPC 8 full level
B21J 15/04 (2006.01); **B21J 15/26** (2006.01); **B21J 15/32** (2006.01)

CPC (source: EP US)
B21J 15/041 (2013.01 - EP US); **B21J 15/26** (2013.01 - EP US); **B21J 15/32** (2013.01 - EP US); **B21J 15/323** (2013.01 - 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 2011072996 A1 20110623; DE 102009058982 A1 20110622; DE 102009058982 B4 20140130; EP 2512705 A1 20121024;
EP 2512705 B1 20150729; ES 2548509 T3 20151019; JP 2013514183 A 20130425; JP 5620512 B2 20141105; US 2012247174 A1 20121004;
US 8959977 B2 20150224

DOCDB simple family (application)
EP 2010068059 W 20101123; DE 102009058982 A 20091218; EP 10785393 A 20101123; ES 10785393 T 20101123;
JP 2012543572 A 20101123; US 201013514198 A 20101123