

Title (en)  
DEVICE WITH SMALL VERTICAL BULK FOR CLAMPING A PART ON A TOOL

Title (de)  
VORRICHTUNG MIT KLEINER VERTIKALER MASSE ZUM KLEMMEN EINES TEILS AUF EINEM WERKZEUG

Title (fr)  
DISPOSITIF À FAIBLE ENCOMBREMENT VERTICAL POUR LE SERRAGE D'UNE PIÈCE SUR UN OUTILLAGE

Publication  
**EP 3055104 A1 20160817 (FR)**

Application  
**EP 13783081 A 20131007**

Priority  
FR 2013052372 W 20131007

Abstract (en)  
[origin: WO2015052386A1] The invention relates to a device for clamping a part to be clamped (P) on a tool (O) that comprises a jack (2) and a flange (3), the flange (3) being actuated by the jack (2) via transmission means (4), the jack (2) being selectively actuated by a pressurised fluid and in turn comprising a body (1) fixed to the tool (O) during operation and a slide (20) slidably mounted relative to the body (1) along a slide axis (A). The flange (3) travels under the action of the jack between a clamping position and a release position in which it is retracted relative to the clamping position, following a movement comprising a rotation around a pivot axis at the end of its travel toward its release position and following a translational movement in a clamping direction (S) oblique or perpendicular to the axis of the slide (A) at the end of its travel toward its clamping position.

IPC 8 full level  
**B25B 5/06** (2006.01); **B25B 5/08** (2006.01)

CPC (source: EP)  
**B25B 5/062** (2013.01); **B25B 5/064** (2013.01); **B25B 5/087** (2013.01)

Citation (search report)  
See references of WO 2015052386A1

Cited by  
CN107433612A

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)  
**WO 2015052386 A1 20150416**; DK 3055104 T3 20190401; EP 3055104 A1 20160817; EP 3055104 B1 20181212; ES 2715653 T3 20190605; HR P20190468 T1 20190712; HU E043125 T2 20190729; PL 3055104 T3 20190731; PT 3055104 T 20190325; RS 58626 B1 20190531; SI 3055104 T1 20190531

DOCDB simple family (application)  
**FR 2013052372 W 20131007**; DK 13783081 T 20131007; EP 13783081 A 20131007; ES 13783081 T 20131007; HR P20190468 T 20190311; HU E13783081 A 20131007; PL 13783081 T 20131007; PT 13783081 T 20131007; RS P20190332 A 20131007; SI 201331377 T 20131007