

Title (en)

Clamping device

Title (de)

Klemmvorrichtung

Title (fr)

Dispositif de serrage

Publication

**EP 2189408 A3 20140108 (DE)**

Application

**EP 09013733 A 20091031**

Priority

DE 102008058655 A 20081122

Abstract (en)

[origin: EP2189408A2] The device (4) has half-shells (13, 15) extending in a radial direction and serving for arrangement and guiding of centrifugal force elements (9). One of the half-shells (15) is arranged at an axially slidable clamping element (6). The other half-shell (13) is arranged at a fixedly arranged base element (7). Connecting rods (20) of the former half-shell are formed such that the rods include a different inclination angle in a direction of a longitudinal axis of a spindle upper part based on the former shell than that based on the base element in a direction of the former shell.

IPC 8 full level

**B65H 65/00** (2006.01); **D01H 1/38** (2006.01); **D01H 1/40** (2006.01); **D01H 7/04** (2006.01)

CPC (source: EP)

**B65H 65/00** (2013.01); **D01H 1/38** (2013.01); **B65H 2402/20** (2013.01); **B65H 2701/31** (2013.01)

Citation (search report)

- [E] EP 2256238 A1 20101201 - RIETER AG MASCHF [CH]
- [AD] DE 102006022484 A1 20071115 - TEXPARTS GMBH [DE]
- [A] DE 19628826 A1 19980122 - LIESER GMBH BETEILIGUNGSGESELL [DE]

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EP2530041A1

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2189408 A2 20100526; EP 2189408 A3 20140108; EP 2189408 B1 20151216**; CN 101899729 A 20101201; CN 101899729 B 20130828; DE 102008058655 A1 20100527; DE 102008058655 B4 20190110; ES 2557102 T3 20160122; JP 2010121262 A 20100603; JP 5380254 B2 20140108; KR 101629364 B1 20160613; KR 20100057754 A 20100601; TW 201029910 A 20100816; TW I513648 B 20151221

DOCDB simple family (application)

**EP 09013733 A 20091031**; CN 200910224594 A 20091119; DE 102008058655 A 20081122; ES 09013733 T 20091031; JP 2009262576 A 20091118; KR 20090113562 A 20091123; TW 98139433 A 20091120