

Title (en)
CLAMPING DEVICE

Title (de)
SPANNVORRICHTUNG

Title (fr)
DISPOSITIF TENDEUR

Publication
EP 3538789 A1 20190918 (DE)

Application
EP 17800379 A 20171107

Priority
• DE 102016221797 A 20161108
• DE 2017100938 W 20171107

Abstract (en)
[origin: WO2018086656A1] The invention relates to a clamping device (101, 201, 301, 401, 501) for assembly on a base (5), comprising: a first clamping part (3) and a second clamping part (4), which are movable reciprocally and relative to the base, a spring (7) fixed between the clamping parts which applies force to the clamping parts in the reciprocal movement direction thereof, a first locking part (8) which detachably locks the clamping parts to each other when the spring is tensioned, and a second locking part (13) for detachable locking of the second clamping part to the base. The locking parts intermesh, forming a joint having limited motion, wherein the first locking part carries the second locking part at the limit of motion of the joint, whereby the locking of the second clamping part to the base releases.

IPC 8 full level
F16H 7/12 (2006.01)

CPC (source: EP US)
F16B 2/02 (2013.01 - US); **F16H 7/1281** (2013.01 - EP US); **F16H 2007/0806** (2013.01 - EP); **F16H 2007/081** (2013.01 - US); **F16H 2007/0846** (2013.01 - EP US); **F16H 2007/0865** (2013.01 - EP US); **F16H 2007/0874** (2013.01 - EP US); **F16H 2007/0893** (2013.01 - EP US)

Citation (search report)
See references of WO 2018086656A1

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)
DE 102016221797 A1 20180509; **DE 102016221797 B4 20200326**; CN 109983253 A 20190705; CN 109983253 B 20220513; EP 3538789 A1 20190918; US 11293530 B2 20220405; US 2021285526 A1 20210916; WO 2018086656 A1 20180517

DOCDB simple family (application)
DE 102016221797 A 20161108; CN 201780068167 A 20171107; DE 2017100938 W 20171107; EP 17800379 A 20171107; US 201716345605 A 20171107