

Title (en)

CLAMPING DEVICE

Title (de)

SPANNVORRICHTUNG

Title (fr)

DISPOSITIF DE SERRAGE

Publication

EP 2485870 A1 20120815 (DE)

Application

EP 10782526 A 20101008

Priority

- DE 102009048510 A 20091009
- DE 2010001173 W 20101008

Abstract (en)

[origin: CA2774240A1] The invention relates to a clamping device, comprising a toggle mechanism (2) which is provided with a linearly movable control member (1) and a swivel shaft (23) for a clamping arm (21), means for releasing a position beyond the toggle point being associated with the toggle mechanism, wherein said means are formed by a control element (3) arranged on the control member (1) and a rocker (4) that can be brought into adjusting contact with the control element (3). According to the invention, the control element (3) is designed as a control extension when facing away from the swivel shaft, and the control member (1) is arranged between the swivel shaft (23) and the rocker (4).

IPC 8 full level

B25B 5/12 (2006.01)

CPC (source: EP US)

B25B 5/122 (2013.01 - EP US); **Y10T 24/44966** (2015.01 - US)

Citation (search report)

See references of WO 2011042009A1

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)

DE 102009048510 A1 20110414; BR 112012007885 A2 20190924; CA 2774240 A1 20110414; CN 102666023 A 20120912;
CN 102666023 B 20150311; EP 2485870 A1 20120815; EP 2485870 B1 20140709; ES 2484170 T3 20140811; MX 2012003724 A 20120831;
US 2011232050 A1 20110929; US 8777200 B2 20140715; WO 2011042009 A1 20110414

DOCDB simple family (application)

DE 102009048510 A 20091009; BR 112012007885 A 20101008; CA 2774240 A 20101008; CN 201080045453 A 20101008;
DE 2010001173 W 20101008; EP 10782526 A 20101008; ES 10782526 T 20101008; MX 2012003724 A 20101008;
US 201113078271 A 20110401