

Title (en)

Ball joint opening

Title (de)

Kugelgelenk-Abzieher

Title (fr)

Dispositif d'extraction d'articulation à bille

Publication

EP 2025474 A3 20100519 (DE)

Application

EP 08009892 A 20080530

Priority

DE 202007011248 U 20070810

Abstract (en)

[origin: EP2025474A2] The separator (1) has a support lever (8) with a fork section that includes a fork-shaped retainer and a supporting section. A press lever (9) has a pressing section and a transition section, and an actuator (17) is integrated between a transition section of the support lever and the transition section of the press lever. A pressure unit is indirectly coupled with threaded holes (18, 19) of the support lever or the press lever by an inserting pivot (20), where the pressure unit has a spring-loaded locking body (21).

IPC 8 full level

B25B 27/073 (2006.01)

CPC (source: EP)

B25B 27/02 (2013.01); **B25B 27/023** (2013.01); **B25B 27/026** (2013.01); **B25B 27/06** (2013.01); **B25B 27/062** (2013.01); **B25B 27/064** (2013.01)

Citation (search report)

- [AD] DE 29607447 U1 19960704 - WEISHAAR ANGELIKA [DE]
- [AD] DE 29806883 U1 19980709 - JUSTUS SCHMIDT GMBH & CO KG NE [DE]
- [A] US 5850679 A 19981222 - HOFFMAN JAY F [US]
- [A] DE 202004018212 U1 20050224 - HWANG CHERNG BIN [TW]
- [A] DE 202005009669 U1 20050908 - KLANN SPEZIAL WERKZEUGBAU GMBH [DE]

Cited by

US10807222B2; CN102837288A; CN109702688A; CN102528498A; US2012272499A1; US9085068B2; US2012174363A1; US8800126B2; US2019009397A1; TWI768753B; EP3424644A1; EP3636388A1; US11530718B1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2025474 A2 20090218; **EP 2025474 A3 20100519**; **EP 2025474 B1 20110420**; AT E506144 T1 20110515; DE 202007011248 U1 20071018; DE 502008003250 D1 20110601; ES 2365092 T3 20110922

DOCDB simple family (application)

EP 08009892 A 20080530; AT 08009892 T 20080530; DE 202007011248 U 20070810; DE 502008003250 T 20080530; ES 08009892 T 20080530