

Title (en)
Extrusion device

Title (de)
Auspressvorrichtung

Title (fr)
Dispositif d'extrusion

Publication
EP 2298453 A3 20171129 (DE)

Application
EP 10174106 A 20100826

Priority
DE 102009041825 A 20090918

Abstract (en)
[origin: EP2298453A2] The extrusion device (11) has a retaining room (12) for a container and a piston rod (13) that is adjusted opposite to the retaining room. A separate unlocking switch (41) is provided for operating locking elements (36). The locking element is pivoted around a pivoted axis (37) from locking position into unlocking position.

IPC 8 full level
B05C 17/01 (2006.01)

CPC (source: EP US)
B05C 17/0103 (2013.01 - EP US)

Citation (search report)

- [X] EP 0836534 A1 19980422 - ESSEX SPECIALTY PROD [US]
- [A] US 2009095772 A1 20090416 - HEFELE CHRISTIAN [DE], et al
- [A] US 2009039113 A1 20090212 - HSU CHIH-HUA [TW], et al
- [A] US 4615469 A 19861007 - KISHI ICHIRO [JP], et al

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2298453 A2 20110323; EP 2298453 A3 20171129; EP 2298453 B1 20190710; CA 2714943 A1 20110318; CA 2714943 C 20170606; CN 102019260 A 20110420; CN 102019260 B 20150701; DE 102009041825 A1 20110324; MX 2010010097 A 20110504; US 2011068130 A1 20110324; US 8448825 B2 20130528

DOCDB simple family (application)
EP 10174106 A 20100826; CA 2714943 A 20100920; CN 201010287797 A 20100917; DE 102009041825 A 20090918; MX 2010010097 A 20100914; US 80797610 A 20100917