

Title (en)
Half die and press tool

Title (de)
Gesenhälfte und Presswerkzeug

Title (fr)
Demie-matrice et presse

Publication
EP 2233225 A3 20140730 (DE)

Application
EP 10157136 A 20100322

Priority
DE 102009001949 A 20090327

Abstract (en)
[origin: EP2233225A2] The die half (2) has a crimping contour (5), which is expanded from a crimping state into a release state after performing actual crimping process. Dimension of the crimping contour transverse to a crimping axis (4) in the crimping state is smaller than dimension of the crimping contour in the release state. The die half is formed with die half parts, which are relatively moved together. The die half parts form a crimping contour part of the crimping contour. The die half parts possess an opening (34) in a direction of the crimping axis below the crimping contour. An independent claim is also included for a crimping tool comprising a die half and a drive device.

IPC 8 full level
B21J 13/02 (2006.01); **B21D 39/04** (2006.01); **B21K 25/00** (2006.01); **B25B 27/14** (2006.01); **B30B 15/00** (2006.01); **H01R 43/058** (2006.01)

CPC (source: EP US)
B21D 39/048 (2013.01 - EP US); **B21D 45/00** (2013.01 - EP US); **B21J 13/02** (2013.01 - EP US); **B21K 25/00** (2013.01 - EP US);
B25B 27/10 (2013.01 - EP US); **B25B 27/146** (2013.01 - EP US); **B30B 15/065** (2013.01 - EP US); **H01R 43/058** (2013.01 - EP US)

Citation (search report)

- [X] US 3616674 A 19711102 - PIASECKI RAYMOND F, et al
- [X] US 4370881 A 19830201 - PETERPAUL JOSEPH
- [X] US 4048839 A 19770920 - PETERPAUL JOSEPH
- [X] US 3848451 A 19741119 - ALLIN F
- [X] WO 2008056333 A1 20080515 - AFRICAN EXPLOSIVES LTD [ZA], et al
- [X] US 6324884 B1 20011204 - BARJESTEH MICHAEL [US], et al
- [X] DE 19958103 C1 20010301 - SCHROECK PETER [DE]

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 ME RS

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JP 2010232177 A 20101014; US 2010242568 A1 20100930

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