

Title (en)

Rotor for a rotary tablet compactor

Title (de)

Rotor für eine Rundlauf-Tablettenpresse

Title (fr)

Rotor pour presse rotative pour comprimés

Publication

EP 2036710 A3 20110309 (DE)

Application

EP 08015921 A 20080910

Priority

DE 102007043584 A 20070913

Abstract (en)

[origin: EP2036710A2] The rotor (10) has upper and lower die guides (12, 14) for upper and lower punches (22, 24) and cooperate with boreholes (18, 20) of a die table (16). An extrusion die has shanks movable by a sealing arrangement sealed in boreholes of the guides. A rotation preventing unit arranged between the shanks and guide boreholes prevents rotation of the die in the guide boreholes. The shanks have an irregular profile in cross section and the cross section of the guide boreholes is complementary. The guide boreholes are formed of guide bushings, which are made of a ceramic material or hard metal.

IPC 8 full level

B30B 11/08 (2006.01); **B30B 15/00** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP US)

B30B 11/08 (2013.01 - EP US); **B30B 15/0082** (2013.01 - EP US); **B30B 15/041** (2013.01 - EP US)

Citation (search report)

- [X] US 6926511 B1 20050809 - SCHULZE HERBERT [DE], et al
- [X] DE 20304981 U1 20040805 - KILIAN GMBH & CO KG [DE]
- [Y] US 3318265 A 19670509 - WINTERS EDWARD P, et al
- [Y] DE 20205508 U1 20020704 - KILIAN GMBH & CO KG [DE]
- [A] US 2068619 A 19370119 - BALLEE LAWRENCE H
- [A] DE 10064640 A1 20020704 - HENKEL KGAA [DE]
- [A] GB 1469890 A 19770406 - KILIAN & CO GMBH
- [A] DE 20010641 U1 20000831 - FETTE WILHELM GMBH [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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2036710 A2 20090318; **EP 2036710 A3 20110309**; **EP 2036710 B1 20160720**; DE 102007043584 A1 20090319;
DE 102007043584 B4 20100415; US 2009074901 A1 20090319; US 7641465 B2 20100105

DOCDB simple family (application)

EP 08015921 A 20080910; DE 102007043584 A 20070913; US 20893308 A 20080911