

Title (en)

Device for guiding lower punches

Title (de)

Vorrichtung zur Führung von Unterstempeln

Title (fr)

Dispositif destiné au guidage des poinçons inférieurs

Publication

EP 1852248 A3 20090819 (DE)

Application

EP 07006625 A 20070330

Priority

DE 102006020214 A 20060502

Abstract (en)

[origin: EP1852248A2] A rotor (10) has a die-plate (12) with drilled holes (DH) (14) for each pair of upper (16) and lower (18) punches to work together. A filling device (FD) (20) feeds powder to be pressed into the DH, as DH run along on the FD. The lower punches (LP) have a position, which set a filling capacity in advance. During the filling process, the LP move with their heads along a feeder cam-plate (24).

IPC 8 full level

B30B 11/08 (2006.01)

CPC (source: EP US)

B30B 11/08 (2013.01 - EP US); **Y10S 100/906** (2013.01 - EP US); **Y10S 425/005** (2013.01 - EP US)

Citation (search report)

- [X] US 5762978 A 19980609 - TREBBI ROBERTO [IT]
- [AX] US 4057381 A 19771108 - KORSCH WOLFGANG
- [AX] JP H07241698 A 19950919 - KIKUSUI SEISAKUSHO LTD
- [AX] DE 1577251 A1 19700409 - PENNSALT CHEMICALS CORP

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1852248 A2 20071107; EP 1852248 A3 20090819; EP 1852248 B1 20150318; DE 102006020214 B3 20071227;
US 2007257411 A1 20071108; US 7360483 B2 20080422

DOCDB simple family (application)

EP 07006625 A 20070330; DE 102006020214 A 20060502; US 73452907 A 20070412