

Title (en)

Press for manufacturing moulded parts from powdered material

Title (de)

Presse zur Herstellung von Preßlingen aus Pulvermaterial

Title (fr)

Presse destinée à la fabrication de comprimés en matériau poudreux

Publication

EP 1852247 A3 20100707 (DE)

Application

EP 07006498 A 20070329

Priority

DE 102006020213 A 20060502

Abstract (en)

[origin: EP1852247A2] A press converts metal powder into shapes for subsequent sintering into e.g. a tool, cutting plates or similar. The press has a frame with a matrix benchtop and matrix with a hollow for the powder located between upper and lower plungers. The hollow has a transverse plunger and a sensor that measures the compression and registers this via a control mechanism with a target value, which then regulates the actual pressure.

IPC 8 full level

B30B 11/02 (2006.01); **B22F 5/08** (2006.01); **B30B 11/00** (2006.01)

CPC (source: EP US)

B22F 3/03 (2013.01 - EP US); **B30B 11/005** (2013.01 - EP US); **B30B 11/007** (2013.01 - EP US); **B30B 11/02** (2013.01 - EP US); **B30B 15/0094** (2013.01 - EP US); **B22F 2003/031** (2013.01 - EP US); **B22F 2998/00** (2013.01 - EP US)

Citation (search report)

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- [Y] US 4770572 A 19880913 - OHKAWA KIYOYASU [JP], et al
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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)

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