

Title (en)  
Powder moulding press

Title (de)  
Vorrichtung zum Herstellen eines Formteils

Title (fr)  
Dispositif pour mouler de la poudre par pression

Publication  
**EP 1764173 A3 20080702 (DE)**

Application  
**EP 06013880 A 20060704**

Priority  
DE 102005044759 A 20050920

Abstract (en)  
[origin: EP1764173A2] Molding machine for metal powders, optionally mixed with pastes or liquids, or semi-finished moldings has a molding tool mounted on a piston (5) and cylinder (4) system. The piston is fitted with a guide comprising a transverse plate (11) with axial rods (9) which fit into bores (10) in the cylinder wall.

IPC 8 full level  
**B22F 3/03** (2006.01); **B30B 11/02** (2006.01)

CPC (source: EP US)  
**B22F 3/03** (2013.01 - EP US); **B30B 11/02** (2013.01 - EP US); **B30B 15/041** (2013.01 - EP US); **F15B 15/1471** (2013.01 - EP US)

Citation (search report)  
• [DX] US 5498147 A 19960312 - KATAGIRI TAKESHI [JP], et al  
• [X] JP H0716795 A 19950120 - YOSHITSUKA SEIKI KK  
• [A] JP 2002153995 A 20020528 - YOSHITSUKA SEIKI KK  
• [A] EP 0561159 A1 19930922 - KOMAGE GELLNER MASCHF [DE]

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NL2028552B1; CN108637244A; CN107427916A; CN107428105A; US2018015680A1; US11007744B2; EP3530448A1; CN111819072A; WO2019162510A1; US11103924B2; WO2016124498A1; WO2016124511A1; WO2016124497A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC 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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**EP 06013880 A 20060704**; AT 06013880 T 20060704; DE 102005044759 A 20050920; DE 502006007915 T 20060704; JP 2006252813 A 20060919; US 51952806 A 20060912