

Title (en)

Powder press for manufacturing mouldings from metal powder

Title (de)

Pulverpresse zur Herstellung von Presslingen aus Metallpulver

Title (fr)

Presse à poudre destinée à la fabrication de pièces pressées en poudre de métal

Publication

EP 1952975 B1 20141119 (DE)

Application

EP 07101629 A 20070202

Priority

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Abstract (en)

[origin: EP1952975A1] The press has a piston (19) including a circular piston surface (25) provided opposite to another circular piston surface (26) at a piston rod side. Piston cylinder units (17) are arranged in a press frame (4) such that a vertical force provided by an upper punch and acting on a mold (1) is supported by the surface (25), during a press process. A retention force is exerted on the mold and applied over the surface (26), after the press process. The press frame has a base plate (6) and an upper plate (7).

IPC 8 full level

B30B 11/02 (2006.01)

CPC (source: EP)

B30B 11/02 (2013.01); **B30B 11/027** (2013.01)

Cited by

EP2311587A1; AT513421B1; DE102012013229A1; DE102012013229B4; US9289924B2; US8814549B2; US9770852B2; DE102022131032A1; US8033805B2; WO2011045303A3; WO2013056805A1; US8062014B2; US8961162B2; US9370913B2

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