

Title (en)

Process for producing molded parts in a powder press

Title (de)

Verfahren zur Herstellung von Pressteilen in einer Pulverpresse

Title (fr)

Procédé pour la production d'éléments moulés dans une presse à poudre

Publication

EP 1287975 A3 20040128 (DE)

Application

EP 02017011 A 20020727

Priority

DE 10142772 A 20010831

Abstract (en)

[origin: EP1287975A2] Production of pressed parts comprises pressing metal powder and sintering the blank formed in a press. The value for the energy introduced into the upper stamp (14) of the press is stored for a blank of prescribed geometry and the energy introduced to both the upper and lower stamps of the press is stored as a second value. Sliding of the upper stamp is terminated when its energy input has reached a prescribed value and the sliding of the lower stamp (16) is carried out according to a measure of the residual energy when the total energy has reached the prescribed second value. Preferably the course of the energy input over the pressing path of the upper stamp is stored and the sliding of the upper stamp is controlled according to the course of the energy input.

IPC 1-7

B30B 11/00; **B30B 15/22**; **B22F 3/02**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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