

Title (en)

PRESS WITH TOOL FRAME INSERTABLE INTO THE PRESS

Publication

EP 0388721 B1 19930915 (DE)

Application

EP 90104463 A 19900308

Priority

DE 3909757 A 19890323

Abstract (en)

[origin: JPH02274398A] PURPOSE: To make it possible to make various different stepped compacts by inserting a compact tool mount which may be easily reset as an adapter unit into a press for forming the stepped moldings from a powder material. CONSTITUTION: A base plate 1 is in a fixed state and is connected to a press after the tool mount is mounted thereto. A frame comprising a lower connecting plate 2 connected by a connecting rod 4 and a matrix holding plate 3 is freely movably guided to the base plate 1. A die carrier 7 may be moved of starting from the base plate 1 by a release method. A die carrier 12 is activated by the release method similarly to the die carrier 7 and a die carrier 16 is activated by a pulling method like the matrix holding plate 3. The tool mount is so constituted to integrate both of the die carrier plates respectively activated by the release method and the pulling method, by which the production of the stepped compacts of the different shapes over a wide range is made possible.

IPC 1-7

B30B 11/02

IPC 8 full level

B30B 11/02 (2006.01); **B30B 15/02** (2006.01)

CPC (source: EP US)

B30B 11/02 (2013.01 - EP US); **B30B 15/02** (2013.01 - EP US)

Cited by

DE10152114A1; CN102248700A

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

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EP 0388721 A2 19900926; **EP 0388721 A3 19910522**; **EP 0388721 B1 19930915**; AT E94465 T1 19931015; DE 3909757 A1 19900927; DE 59002687 D1 19931021; JP H02274398 A 19901108; US 5049054 A 19910917

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