

Title (en)
PRESS FOR MAKING SHEET METAL PARTS IN SEVERAL STEPS

Publication
EP 0351741 B1 19930317 (DE)

Application
EP 89112999 A 19890714

Priority
DE 3824997 A 19880722

Abstract (en)
[origin: EP0351741A1] In a press for manufacturing sheet metal preforms in several stages, the die cushions (10) are arranged in a frame. The frame forms a unit (6, 6') which can be detachably connected to the press frame (1) and which is selected from a number of interchangeable units (6, 6') whose die cushions are arranged at various average distances corresponding to the different steps of the stages between the tools. Sets of tools of different sizes capable of performing a range of operations can therefore be incorporated in the press.

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B21D 24/00; B21D 37/14

IPC 8 full level
B21D 24/00 (2006.01); **B21D 37/14** (2006.01)

CPC (source: EP)
B21D 24/005 (2013.01); **B21D 37/14** (2013.01)

Cited by
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DE 3824997 A 19880722; EP 8900820 W 19890714; EP 89112999 A 19890714; EP 89907727 A 19890714