

Title (en)

Apparatus for pressing articles from a fine granular material.

Title (de)

Vorrichtung zum Pressen von Formteilen aus einer feinkörnigen Masse.

Title (fr)

Dispositif pour la pressage de corps moulés à partir d'une matière à grains fins.

Publication

**EP 0561159 B1 19950517 (DE)**

Application

**EP 93102293 A 19930213**

Priority

DE 9203546 U 19920317

Abstract (en)

[origin: EP0561159A1] The apparatus has a pressing mould (11-13,36) with a plurality of concentric stamp parts (54;55;56) which project into an interior mould (13) and which are individually and resiliently supported until rigid support has been achieved in a frame (10) which is arranged in a pressbody and which holds the various parts (11-13, 36) of the pressing mould such that they can be displaced relative to one another. So that the concentric stamp parts (54;55;56) can be resiliently supported in a structural member (16;29) which is releasably fastened in the aforementioned frame (10), hydraulic or pneumatic cylinders are arranged which can be loaded in a controlled fashion and have throttled outlets, plates (44;48;52) being screwed onto the piston rods of the said cylinders, the concentric stamp parts (54;55;56) being releasably fastened on the said plates (44;48;52), one stamp part (54;55) in each case having a smaller diameter and/or its plate projecting through the plate (48;52) of a stamp part (55;56) having a larger diameter, through a recess in the latter plate (48;52). This approach reduces the amount of work and time required for conversion to another pressing mould. When the pressing mould is to be changed, the releasably fastened structural member is removed from the frame and can then be converted very quickly and easily, by simply unscrewing the plates from the piston rods and putting them back again when they have been provided with other stamp parts. <IMAGE>

IPC 1-7

**B30B 11/02**

IPC 8 full level

**B30B 11/02** (2006.01)

CPC (source: EP)

**B30B 11/02** (2013.01)

Cited by

EP1764173A3; EP2361758A3

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI LU NL PT SE

DOCDB simple family (publication)

**EP 0561159 A1 19930922; EP 0561159 B1 19950517**; AT E122604 T1 19950615; DE 59300195 D1 19950622; DE 9203546 U1 19930722

DOCDB simple family (application)

**EP 93102293 A 19930213**; AT 93102293 T 19930213; DE 59300195 T 19930213; DE 9203546 U 19920317