

Title (en)

Arrangement of a die plate for a hydraulic press

Title (de)

Anordnung einer Matrizenplatte einer hydraulischen Presse

Title (fr)

Agencement de plaque de matriçage pour une presse hydraulique

Publication

**EP 1306200 B1 20040818 (DE)**

Application

**EP 02021163 A 20020924**

Priority

DE 20117609 U 20011027

Abstract (en)

[origin: US2003079623A1] An arrangement of a die-plate of a hydraulic press to press powdered material into shape wherein an upper ram and a lower ram interact with a bore of the die-plate wherein the die-plate is supported via vertically arranged supporting standards which, along with upper supporting portions which are cantilevered towards the axis of the die-bore, define upwardly facing bearing areas located close to the die-bore for the die-plate.

IPC 1-7

**B30B 15/04**; **B30B 1/32**; **B30B 11/04**; **B30B 15/00**

IPC 8 full level

**B30B 1/32** (2006.01); **B30B 11/04** (2006.01); **B30B 15/00** (2006.01); **B30B 15/04** (2006.01)

CPC (source: EP US)

**B30B 11/04** (2013.01 - EP US); **B30B 15/007** (2013.01 - EP US); **B30B 15/04** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**US 2003079623 A1 20030501**; **US 7001166 B2 20060221**; AT E273786 T1 20040915; DE 20117609 U1 20020117; DE 50200850 D1 20040923; EP 1306200 A2 20030502; EP 1306200 A3 20031112; EP 1306200 B1 20040818

DOCDB simple family (application)

**US 27420902 A 20021018**; AT 02021163 T 20020924; DE 20117609 U 20011027; DE 50200850 T 20020924; EP 02021163 A 20020924