

Title (en)

EXPANSION DUMMY BLOCK FOR EXTRUDING PRESS FOR HOLLOW BODIES

Title (de)

EXPANSIONSPRESSSCHEIBE FÜR EINE EXTRUSIONSPRESSE FÜR HOHLKÖRPER

Title (fr)

GRAIN DE POUSSÉE D'EXPANSION POUR PRESSE D'EXTRUSION POUR DES CORPS CREUX

Publication

EP 2379245 B1 20150708 (EN)

Application

EP 09803768 A 20091223

Priority

- EP 2009067889 W 20091223
- IT MI20082325 A 20081224

Abstract (en)

[origin: WO2010072824A1] An expansion dummy block for extruding press for hollow bodies is described, the press comprising a container with a hole in which the material (323) to be extruded is inserted and a mandrel (327) for centrally perforating said material (323). The dummy block tightly slides inside the hole of the container pushed by a punch(304), and comprises: an internal hole for containing the mandrel (327) and let it slide therein; a head adapted to be elastically deformed so as to expand into the external edge contacting the container hole, and to expand into the internal edge (325) towards the internal hole contacting the mandrel (327) due to the reaction force produced by the contact with the material (323) upon the thrust received from said punch(304), and to withdraw when the reaction force is exhausted.

IPC 8 full level

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