

Title (en)
CAST IRON MOULD PROVIDED WITH O-SHAPED FRAME

Title (de)
O-RAHMEN-KOKILLE

Title (fr)
MOULE EN FONTE A CADRE EN FORME DE O

Publication
EP 1558413 A1 20050803 (DE)

Application
EP 03770951 A 20030927

Priority
• DE 10251021 A 20021102
• EP 0310781 W 20030927

Abstract (en)
[origin: WO2004041462A1] The invention relates to a cast iron mould comprising two flat walls made of copper which are oppositely arranged to each other. Thin walls which can be cooled and moved with respect to each other with the aid of means for adjusting a width size are arranged between said flat walls in such a way that they are enable to clamp pieces. Said cast iron mould also comprises force means for clamping, in particular a hydraulic cylinder whose strain and/or tension force is adjustable. The cast iron mould is arranged inside a shape-retaining external frame and provided with water reservoirs supporting the copper plates. The inventive improved mould is characterised in that the water reservoir (2n) having solid walls can be displaced by the hydraulic cylinders (3n) which are arranged inside the external frame (1n), and the water reservoir (4n) provided with elastic walls is displaced by hydraulic cylinders (5n) which are arranged inside the mould.

IPC 1-7
B22D 11/05

IPC 8 full level
B22D 11/05 (2006.01)

CPC (source: EP)
B22D 11/05 (2013.01)

Citation (search report)
See references of WO 2004041462A1

Cited by
DE102011075065A1; DE102010061828A1; WO2012013450A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004041462 A1 20040521; AT E314896 T1 20060215; AU 2003280343 A1 20040607; DE 10251021 A1 20040519; DE 50302138 D1 20060330; EP 1558413 A1 20050803; EP 1558413 B1 20060104

DOCDB simple family (application)
EP 0310781 W 20030927; AT 03770951 T 20030927; AU 2003280343 A 20030927; DE 10251021 A 20021102; DE 50302138 T 20030927; EP 03770951 A 20030927