

Title (en)
Continuous casting mould

Title (de)
Stranggiesskokille

Title (fr)
Coquille pour la coulée continue

Publication
EP 0417504 B1 19960103 (DE)

Application
EP 90115910 A 19900820

Priority
DE 3930265 A 19890911

Abstract (en)
[origin: EP0417504A2] In the case of continuous casting moulds with two broad-side walls, which are arranged opposite one another on supporting frames in such a way that their shape gives a funnel-shaped free space and between which narrow-side walls adjustable relative to one another for the purpose of adjusting the format width are firmly clamped, mechanical clamping elements in operative connection with hydraulic cylinders being provided for clamping the narrow-side walls, the disassembly of the entire mould after a break-out or overflow and the cleaning of the narrow- and broad-side walls is relatively difficult due to the small opening width of the broad-side walls. This is particularly true for the maintenance of the mould and for the installation and removal of the narrow- and broad-side walls with their supporting elements. These difficulties are eliminated in a simple manner according to the invention by virtue of the fact that the supporting frames (1, 2) with their broad-side walls (9) are arranged in such a way in the continuous casting mould and connected in such a way to the clamping elements (7, 8) that they can be adjusted both towards one another and away from one another. In this way, it is possible for the supporting frames with their broad-side walls to be spread apart to such an extent that they are accessible from both sides, especially in the region of the narrow-side walls and can be cleaned, maintained and exchanged very easily. In particular, following a break-out or overflow the complete mould can be lifted away upwards over the funnel-shaped strand end solidified in the mould. <IMAGE>

IPC 1-7
B22D 11/04

IPC 8 full level
B22D 11/04 (2006.01); **B22D 11/05** (2006.01)

CPC (source: EP US)
B22D 11/04 (2013.01 - EP US)

Cited by
CN103192040A; RU2769679C1; DE19716664C2; DE4447941B4; US6145580A; EP0920937A3; DE44444941A1; DE44444941C2; DE44444941C3; AT400416B; US5522450A; DE44444976A1; DE44444976C2; DE102010061828A1; WO2012013450A1

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