

Title (en)

DEVICE FOR SUPPORTING AND CONTROLLING THE POSITION OF A TOP BOLT IN A MOULD FOR PRESSURE DIE CASTING METALLIC PLATE PRODUCTS OR SLABS

Publication

**EP 0379419 B1 19930407 (FR)**

Application

**EP 90400114 A 19900116**

Priority

FR 8900455 A 19890116

Abstract (en)

[origin: WO9007998A1] This device (27) for suspending an upper spacer (20) is carried by a longitudinal beam (40) for clamping the walls (25) of the mould (5), whereby each wall (25) consists of a support frame (30) and a graphite block (31); the spacer (20) and additional spacers are clamped between blocks (31) by beams (40) operated by jacks (45), the slabs being cast between blocks (31) and the four spacers; the device (27) comprises levers (51) rotatably mounted on the beam (40), which carry the screw jacks (61) connected by a rod (67) and support the upper spacer (20); the angular position of the levers (51), operated by a twin-action jack, determines the transversal position of the spacer (20), and the screw jacks (61), each of which is provided with a double pivot, impart a pendular movement to the freely suspended spacer. This assembly facilitates maintenance and upkeep of the mould (5) and, in particular, the removal of the supports (30) from the blocks (31).

IPC 1-7

**B22D 7/08**; **B22D 17/20**; **B22D 17/22**

IPC 8 full level

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CPC (source: EP KR US)

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