

Title (en)  
SHUT-OFF AND/OR CONTROL ELEMENT FOR A METALLURGICAL VESSEL

Publication  
**EP 0392168 B1 19921216 (DE)**

Application  
**EP 90103288 A 19900221**

Priority  
DE 3911736 A 19890411

Abstract (en)  
[origin: EP0392168A1] A shut-off and/or control element for tapping liquid metal melt from a metallurgical vessel has an inner tube (2) secured on the vessel (5) and having at least one opening (14). A front edge (15) of a movable outer tube (3) encircles the inner tube (2). The outer tube (3) can be moved out of a closed position into an open position of the opening (14). In order to avoid the possibility of plugs of metal melt forming in openings (14) of the outer tube (3), the relative position of the opening (14) of the inner tube (2) and of the front edge (15) of the outer tube (3) is configured in such a way that, during the movement of the outer tube (3), the front edge (15) moves beyond the opening (14). Viewed in the direction (13) of the longitudinal axis, the front edge (15) is situated on one side of the opening (14) in the open position and on the opposite side of the opening (14) in the closed position.

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IPC 8 full level  
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