

Title (en)

IMPROVEMENTS IN MOLTEN METAL HANDLING VESSELS

Title (de)

VERBESSERUNGEN BEI BEHANDLUNGSPFANNEN FÜR FLÜSSIGES METALL

Title (fr)

AMELIORATIONS RELATIVES A DES CUVES DE MANIPULATION DE METAL FONDU

Publication

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Application

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Abstract (en)

[origin: WO9421406A1] The invention provides a means of introducing gas into the outlet to remove an obstruction. Accordingly, the invention provides an apparatus to open and close an outlet in a molten metal handling vessel which includes a valve (6) communicating with the outlet (5a) and having relatively movable valve parts (7, 8), the valve parts having openings (10, 12) which are displaced from one another to close the valve and, hence, the outlet (5a) and which are in communication with each other and with the outlet (5a) to open the outlet, whereby the molten metal can flow out of the vessel, characterised in that there is provided a frangible tube (13) through which gas can be passed, the tube (13) being of sufficient length to extend through both valve parts (7, 8) and into the outlet (5a) of the vessel, whereby gas can be passed into the outlet and then opening of the valve (6) by relative movement of the valve parts (7, 8) breaks the tube (13) so that it does not obstruct opening.

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IPC 8 full level

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