

Title (en)
DEVICE FOR PURIFYING STEEL MELTS

Title (de)
VORRICHTUNG ZUR REINIGUNG VON STAHLSCHELMELZEN

Title (fr)
DISPOSITIF DE PURIFICATION D'ACIER FONDU

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Application
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• EP 0004074 W 20000506

Abstract (en)
[origin: WO0071283A1] The invention relates to a device for purifying steel melts, especially for continuous casting machines. Said device is provided with a tundish (1) that serves to feed the steel melt (18) from a foundry ladle (7) to a permanent mold, said tundish being provided with means for homogenizing the flow of the steel melt (18). The aim of the invention is to improve said means to be incorporated into the tundish (1) in such a manner that dead areas and short circuit flows are avoided. To this end, the tundish (1) is subdivided into a pouring chamber (3) by a first transversal wall (2) and into a medium chamber (5) and a casting chamber (6) by a second transversal wall (4). The medium chamber (5) is provided with an elevation (9) on the bottom and the transversal walls (2, 4) are provided with openings (13, 14, 15).

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