

Title (en)
TUNDISH DAM

Title (de)
VERTEILERGEFAESSBARRIERE

Title (fr)
BARRIÈRE POUR UN PANIER DE COULEE

Publication
EP 3753649 A1 20201223 (EN)

Application
EP 19181629 A 20190621

Priority
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Abstract (en)
A dam (20) for insertion into a tundish for use in metal casting comprises a body (21) of refractory material having opposed faces in contact with the liquid metal in use, opposed side edges and a lower edge (24), the side and lower edges engaging inner surfaces of the tundish in use. The dam is characterised by an aperture (23) extending between the opposed faces in the lower part thereof, the aperture being closed by a metal plate (25), for example of the same composition as the liquid metal to be introduced into the tundish. The invention further provides a tundish incorporating at least one such dam (20) and a method of casting metal using the tundish.

IPC 8 full level
B22D 11/103 (2006.01); **B22D 11/118** (2006.01); **B22D 41/00** (2006.01); **B22D 43/00** (2006.01)

CPC (source: EP)
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Citation (search report)
• [XAY] CN 202377519 U 20120815 - FUJIAN SANSTEEL MIN GUANG CO, et al
• [XAY] CN 208528079 U 20190222 - SHANGHAI LIER REFRACTORY MAT CO LTD
• [XAI] JP H01107950 A 19890425 - NIPPON KOKAN KK
• [IAY] US 5332416 A 19940726 - CALOS JAMES D [US]

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