

Title (en)
Molten metal transfer channels.

Title (de)
Rinne für Metallschmelzen.

Title (fr)
Chenal de transfert pour métaux en fusion.

Publication
EP 0076577 A1 19830413 (EN)

Application
EP 82304772 A 19820910

Priority
GB 8128419 A 19810919

Abstract (en)
A transfer channel which in use is contacted by molten ferrous metal has a protective inner replaceable lining (5,6) of bonded refractory, heat-insulating material which comprises at least 75% by weight of particulate refractory material. The inner replaceable lining (5,6) is reusable for a plurality of molten ferrous metal transfers. The lining (5,6) can be a plurality of pre-formed slabs (5,6) or one or more pre-formed, self-supporting essentially U-shaped lining sections. The lined channel can be used to transfer molten metal e.g. steel from a vessel e.g. a furnace to another vessel e.g. a ladle.

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C21B 7/14; **F27D 1/16**

IPC 8 full level
B22D 35/00 (2006.01); **C21B 7/14** (2006.01); **F27D 1/14** (2006.01); **F27D 1/16** (2006.01); **F27D 3/14** (2006.01); **F27D 1/00** (2006.01)

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C21B 7/04 (2013.01 - KR); **C21B 7/14** (2013.01 - EP); **F27D 1/141** (2013.01 - EP); **F27D 1/16** (2013.01 - EP); **F27D 1/0006** (2013.01 - EP); **F27D 2001/005** (2013.01 - EP)

Citation (search report)

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