

Title (en)  
MOLTEN METAL TRANSFER CHANNELS

Publication  
**EP 0076577 B1 19860507 (EN)**

Application  
**EP 82304772 A 19820910**

Priority  
GB 8128419 A 19810919

Abstract (en)  
[origin: EP0076577A1] 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.

IPC 1-7  
**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)

CPC (source: EP KR)  
**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 (examination)  
Neue Hütte, Vol.1, Nr.6, Mai 1956, Leipzig, E.Kuntzsch et al. "Neuartige Zustellung von Elektroöfen-Auslauftrinnen "

Cited by  
EP1111320A1; CN114130988A; CN107142345A; CN110479971A; EP1088611A1; CN102639950A; EP0926248A1; NL1007881C2; US6123894A; US9193541B2; WO2012161636A1; WO2011069251A1; WO2021102596A1; US9498821B2; US10274255B2

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