

Title (en)
REFRACTORY LINING FOR LIQUID METAL CONTAINERS OR FURNACES

Publication
EP 0078069 B1 19860416 (DE)

Application
EP 82201112 A 19820909

Priority
AT 457381 A 19811027

Abstract (en)
[origin: EP0078069A2] 1. Refractory lining for liquid metal containers or furnaces, especially for pig iron transfer vessels, such as tube ladles or torpedo ladles, comprising at least in localised regions an expansion gap between the shell or the permanent lining and the jointless laid wearing lining, the expansion gap being filled with a compressible mass containing a granular refractory material, characterized in that the expansion gap is filled with a compressible hydraulically settable backing filling mass blended with water and consisting, relating to the dry mass, of 4 to 20% by weight of expanded perlite, 15 to 25% by weight of aluminous cement, 0.5 to 4% by weight of a plasticizer, the balance to 100% by weight being refractory material.

IPC 1-7
F27D 1/00; C04B 35/66; B22D 41/02

IPC 8 full level
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CPC (source: EP)
B22D 41/02 (2013.01); **F27B 3/14** (2013.01); **F27D 1/00** (2013.01); **F27D 1/0023** (2013.01)

Cited by
EP0460823A1; US5217929A

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EP 0078069 A2 19830504; **EP 0078069 A3 19840425**; **EP 0078069 B1 19860416**; AT 371425 B 19830627; AT A457381 A 19821115; DE 3270642 D1 19860522; ES 516253 A0 19840116; ES 8402354 A1 19840116; JP S5884172 A 19830520; JP S6112872 B2 19860410

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