

Title (en)
CONTINUOUS CASTING MOLDS

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EP 0265174 A3 19890614 (EN)

Application
EP 87309112 A 19871015

Priority
US 91909586 A 19861015

Abstract (en)
[origin: EP0265174A2] A mould suitable for the continuous horizontal casting of metal to form shaped stock which comprises a mould body of heat conductive metal which defines by its interior surface a mould cavity having a transverse cross-sectional configuration approximating the cross-section of the shaped stock and which is adapted to contact coolant for indirect heat exchange from the interior surface of the mould, the mould also defining an end plate continuous with the interior surface of the mould, and a thermal barrier layer integral with the mould of at least that portion of the end plate of the mould that is adjacent the interior surface of the mould, which thermal barrier layer is adapted to contact a nozzle of a tundish to supply molten ferrous metal to the mould, the thermal barrier layer having sufficient thickness to prevent the solidification of the ferrous metal adjacent to the nozzle.

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CPC (source: EP KR)
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Citation (search report)

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- [Y] FR 2388618 A1 19781124 - BRITISH STEEL CORP [GB]
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- [A] EP 0153014 A1 19850828 - IMI REFINERS LTD [GB]
- [E] US 4744406 A 19880517 - ROSTIK LIBOR F [US]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 10, no. 81 (M-465)[2138], 29th March 1986; & JP-A-60 221 151 (KAWASAKI SEITETSU K.K.) 05-11-1985
- [A] PATENT ABSTRACTS OF JAPAN, vol. 4, no. 179 (M-46)[661], 11th December 1980; & JP-A-55 128 349 (KOBELCO SEIKOSHO K.K.) 04-10-1980

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Designated contracting state (EPC)
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