

Title (en)
Stirring of molten metal.

Title (de)
Rühren einer Metallschmelze.

Title (fr)
Brassage d'un métal en fusion.

Publication
EP 0228827 A1 19870715 (EN)

Application
EP 86309455 A 19861204

Priority
GB 8531335 A 19851219

Abstract (en)
To stir the molten metal in an open-topped mould (10) of a continuous casting process an electromagnetic stirrer (20) is placed adjacent the lower end of the mould and around the strand (12) emerging from the mould. The magnetic field produced by the stirrer (20) rotates about a vertical axis and promotes movement of the molten metal above and below the stirrer into the mould and into the strand. The stirrer is formed as separable parts for fitting to existing moulds and the stirrer is adapted for use with moulds of different shapes and sizes.

IPC 1-7
B22D 11/10

IPC 8 full level
B22D 11/10 (2006.01); **B22D 11/115** (2006.01)

CPC (source: EP)
B22D 11/115 (2013.01)

Citation (search report)
• [X] GB 2061783 A 19810520 - ASEA AB
• [Y] US 4183395 A 19800115 - KOLLBERG STEN [SE]
• [YD] GB 2077161 A 19811216 - TI GROUP SERVICES LTD

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CN114309509A

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0228827 A1 19870715; GB 2184674 A 19870701; GB 8531335 D0 19860129; JP S62187552 A 19870815

DOCDB simple family (application)
EP 86309455 A 19861204; GB 8531335 A 19851219; JP 29781586 A 19861216