

Title (en)

Apparatus for the directional solidification of metal melts

Title (de)

Vorrichtung zur gerichteten Erstarrung von Schmelzgut

Title (fr)

Dispositif pour la solidification directionnelle de métaux en fusion

Publication

EP 0603738 B1 19970507 (DE)

Application

EP 93120256 A 19931216

Priority

DE 4242852 A 19921218

Abstract (en)

[origin: EP0603738A1] The invention relates to an apparatus for the directional solidification of metal melts in a mould shell whose cross-section varies over its length and which can be moved relative to a source of heat. To serve this purpose, a thermal insulation block is arranged between the source of heat and a heat sink. This block has an opening for the passage of the mould shell. On the mould shell there are external ribs, which are arranged orthogonally to the direction of movement and whose external shape is matched to the opening of the thermal insulation block. <IMAGE>

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Cited by

FR2874340A1; US6192969B1; GB2309405A; US5778961A; GB2309405B; WO0056482A1

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