

Title (en)
Casting of metal strip.

Title (de)
Gussen eines Metallbandes.

Title (fr)
Coulée d'une bande métallique.

Publication
EP 0526886 A1 19930210 (EN)

Application
EP 92113351 A 19920805

Priority
• US 74074791 A 19910806
• US 75353891 A 19910903

Abstract (en)
A method of casting metal wherein the molten metal is deposited on a moving planar substrate formed from an insulating refractory material. The deposited liquid metal is maintained as a liquid until the turbulence induced by the pouring of the metal onto the substrate is minimized. In order to increase cooling rate, the strip is preferably moved across a mesh substrate 50, 132, 186 where its lower surface is cooled. Ideally, this occurs as soon as the bottom of the strip has sufficient strength to support the remainder of the strip on the mesh. <IMAGE>

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B22D 11/0611 (2013.01); **B22D 11/0631** (2013.01)

Citation (search report)
• [X] GB 1551755 A 19790830 - BRITISH STEEL CORP
• [X] US 3343590 A 19670926 - RADD FREDERICK J
• [A] GB 2010146 A 19790627 - BRITISH STEEL CORP
• [A] GB 2183185 A 19870603 - OCC CO LTD [JP]
• [A] PATENT ABSTRACTS OF JAPAN vol. 10, no. 33 (M-452)(2090) 8 February 1986 & JP-A-60 187 448 (KOBE SEIKOSHO KK) 24 September 1985

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