

Title (en)

Method and apparatus for direct casting of crystalline strip by radiantly cooling.

Title (de)

Verfahren und Einrichtung für das direkte Giessen von kristallinen Bändern durch Strahlungskühlung.

Title (fr)

Procédé et appareil pour la coulée directe de bande cristalline par refroidissement par radiation.

Publication

EP 0174767 A2 19860319 (EN)

Application

EP 85306049 A 19850827

Priority

US 65037184 A 19840913

Abstract (en)

A method is provided for directly casting molten metal (19) from a U-shaped structure of the exit end (26) of a casting vessel (18) onto a moving casting surface (20) to form a continuous strip (15) of crystalline material. The method includes radiantly cooling the molten metal (19) in a zone defined above the molten metal (19), across the width of the U-shaped structure and adjacent the casting surface (20). The method also includes providing a non-oxidizing atmosphere in the zone. An apparatus is also provided.

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CPC (source: EP KR)

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