

Title (en)
APPARATUS FOR AND PROCESS OF DIRECT CASTING OF METAL STRIP

Publication
EP 0353293 B1 19930526 (EN)

Application
EP 89902493 A 19881229

Priority
US 15248688 A 19880205

Abstract (en)
[origin: WO8907025A1] A melt drag metal strip casting system (10) of the type wherein molten metal (20) is delivered from a supply (18) of the molten metal into contact with a chill surface (14) at a casting station and the chill surface (14) is driven for movement in a path past the casting station at a predetermined linear rate to quench and withdraw a continuous strip (16) of metal from the molten metal supply (18), the strip (16) having a bottom surface adhering to the chill surface and an unsolidified top surface as it is withdrawn from the molten metal supply (18), includes a top roll (80) adjustably mounted above the chill surface (14) and spaced therefrom by a distance substantially equal to the thickness of the strip (16) desired with the top roll (80) in contact with the unsolidified top surface of the strip (16), with the temperature of the top roll surface (90) in contact with the unsolidified top surface of the strip (16) being maintained at a level which will not solidify the top surface of the metal being cast.

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