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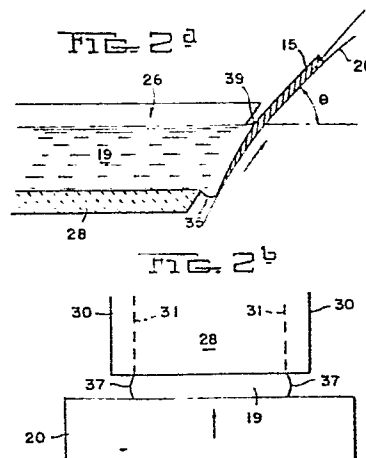
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54 Method and apparatus for direct casting of crystalline strip by radiantly cooling.

57 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.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
A	EP-A-0 040 072 (BATTELLE DEVELOPMENT) * page 9, lines 7-20 *	1,4	B 22 D 11/06
A	US-A-4 194 553 (KIMURA et al.) * claims 1, 5 *	1,4	
A	EP-A-0 040 073 (ALLEGHENY LUDLUM STEEL) * claim 1 *	1,4	
D,A	US-A-3 381 739 (T.G. HART) * claims 1, 11 *	1	
D,A	US-A-3 522 836 (D. KING) * claim 1 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			B 22 D 11/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 24-10-1986	Examiner GOLDSCHMIDT G
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	