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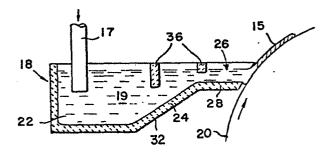
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Method and apparatus for continuous casting of crystalline strip.

(57) A method is provided for directly casting molten metal (19) from the exit end (26) of a casting vessel (18) onto a moving casting surface (20) to form a continuous strip (15) of crystalline metal. The surface tension of the molten metal (19) flowing from the exit end (26) forms the top, edge and bottom surfaces of the strip (15) being cast to provide good strip surface quality, edges and structure. An apparatus is also provided including a casting vessel (18) having a molten metal receiving end (22) and an exit end (26) from which a fully developed uniform flow of molten metal (19) leaves through a U-shaped structure onto a moving casting surface (20). A direct cast strip product is also provided.





EUROPEAN SEARCH REPORT

Application number

EP 85 30 6047

DOCUMENTS CONSIDERED TO BE RELEVANT				CLASSIFICATION OF THE	
Category	Citation of document with indication, where appropriate, of relevant passages		Relevant to claim	APPLICATION (Int. Cl.4)	
A	US-A-4 449 568	(NARASIMHAN)	1,10, 17,18, 26	B 22 D	11/06
	* claims 1-5 *				
A	US-A-4 448 236 * claims 1, 10 *		18,26		
D,A	US-A-4 290 476 * claim 1 *	- (R.W. SMITH)	18		
D,A	US-A-4 274 473 * claim 1 *	(J.R. BEDELL)	18,26		
D,A	US-A-4 221 257 * claims 1, 12 *		1,18	TECHNICAL FIELDS SEARCHED (Int. Cl.4)	
D,A	US-A-3 522 836 * claim 1 *	(D. KING)	1	B 22 D	11/00
D,A	US-A-3 381 739 * claims 1, 11,		1,18,		
	·				
 	The present search report has b	een drawn up for all claims			
		Date of completion of the search		Examiner	
Place of search BERLIN Date of completion of the 24-11-1986					
Y:pa	CATEGORY OF CITED DOCL articularly relevant if taken alone accument of the same category ichnological background on-written disclosure	E: earlier p after the rith another D: docume L: docume	r principle unde atent document filing date nt cited in the a nt cited for othe	t, but published pplication er reasons	on, or