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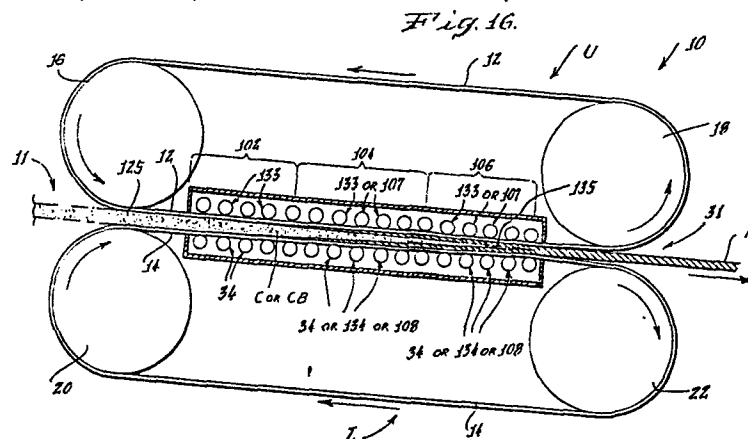
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(54) Method and system for shaping the casting region in a twin-belt continuous casting machine.

57) Method and system are provided for continuously casting metal product (P) directly from molten metal (125) in which the molten metal (125) is confined and solidified in a casting region (C or CB) defined above and below by upper and lower, cooled, endless, flexible, traveling, casting belts (12, 14) supported by belt support systems including back-up rollers (133, 107, 34, 134, 108) in respective upper and lower belt carriages (U, L) and laterally defined by first and

second traveling side dams, in which the flexible back-up rollers (133, 107, 34, 134, 108) and belt support systems shape and maintain the casting region (C or CB) for improved heat transfer and improved product uniformity and enhanced machine performance. Contact between the casting belts (12, 14) and the cast product (P) is maintained at an acceptable pressure, and the cast product (P) is produced with substantially uniform transverse cross section.



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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. 3)
A,D	US-A-2 640 235 (G.W. HAZELETT) * Figures 4,5,7,8 *		B 22 D 11/06
A	US-A-3 339 625 (ARMCO STEEL CORP.) * Figures 3,4 * -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl. 3) B 22 D
Place of search THE HAGUE		Date of completion of the search 24-05-1983	Examiner STEIN K.K.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			