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(54) Electromagnetic rotary stirring stator.

(57) Electromagnetic stirring means provides winding coils whose segments run longitudinally along the mould down one side and up the other with the phase relationship of different coils providing the rotary field. The coils are contained in a water-tight jacket (24A - D, 28A - D, 20, 22) to avoid contamination by the mould coolant water. Preferably the winding segments are hollow to carry a coolant medium.



FIG.1.



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)
D,A	US-A-4 454 909 (J.A. MULCAHY) * claims 1, 8 *	1,7,12	B 22 D 11/10 B 22 D 11/12 B 22 D 27/02
A	DE-A-2 528 931 (USINOR) * claims 5-8; figure 1, reference number 4 *	1,8,12	
A	DE-A-2 362 720 (COMPAGNIE ELECTRO-MECANIQUE) * claim 1 *	1	
A	US-A-2 963 758 (G. PESTEL et al.) * claims 3, 4; figure 10 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 22 D 11/00 B 22 D 27/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 02-06-1986	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			