

⑫ **EUROPEAN PATENT APPLICATION**

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⑹ Designated Contracting States:
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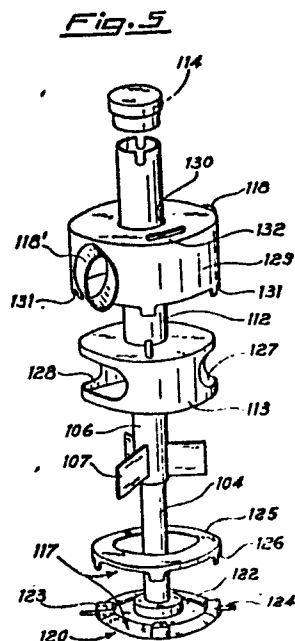
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⑸ **Stirring and homogenizing device for alimentary mixtures.**

⑹ The invention concerns a device for stirring and homogenizing alimentary mixtures, particularly appropriate to be used in combination with pasteurizers of liquid mixtures for ice-cream.

The main object of the invention is to provide a device which does not absorb air into the mixture during stirring.

Said object is achieved by means of a stirring device characterized in that it comprises a centrifugal pump capable of sucking the mixture from a container (2; 102) tank and pumping it again into the container itself, said pump having a rotating impeller (6, 7; 106, 107) above the container bottom and covered by an at least partially removable jacket (13; 113).





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)
X	US-A-2 619 330 (P. WILLEMS) * claims 1, 2; figures 1, 6 *	1-5	B 01 F 5/16
X	US-A-3 820 759 (HEGE) * column 3, line 28 - column 4, line 26; figure 1 *	1-3, 5	
X	DE-B-2 413 452 (BROGLI + CO AG) * whole document *	1, 2	
A	GB-A-2 031 292 (CARPIGIANI BRUTO) * whole document *	1-3	
A	EP-A-0 036 067 (HAAGEN & RINAU)		
			TECHNICAL FIELDS SEARCHED (Int Cl ⁴)
			B 01 F 5/00 B 01 F 7/00 B 01 F 15/00 A 23 G 9/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 04-05-1987	Examiner HILD
CATEGORY OF CITED DOCUMENTS		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	
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			