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㉛ Apparatus for the production of ice and similar products.

㉜ This invention relates to an apparatus for the production of ice and similar products including a tank (2) containing a liquid to be frozen, internally defined to a bearing framework (3) of a cylinder (4) pivoting around its own axis and drawing with one of its portions in the same tank; the cylinder (4) is cooled by a refrigerant through a supply duct (5) and a return duct (6) both associated on one face (7) of the above-mentioned cylinder; this invention also provides for a scraping device (22) consisting in only one piece of stainless steel to scrape the ice layer formed on the sleeve (8) of the cylinder (4) and for a circuit for the cooling of the refrigerant fluid.

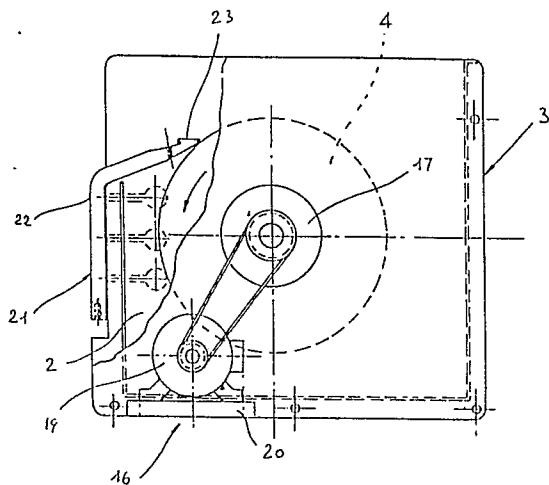


Fig. 5



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-2 344 922 (RAVER) * Page 1, right-hand column, line 13 - page 3, right-hand column, line 51; figures 1-4 *	1	F 25 C 1/14
A	---	2,3,8, 10,13	
A	US-A-3 494 144 (SCHILL) * Column 2, line 69 - column 6, line 45; figures 1-7 *	1-3,5-7 ,11,12	
A	---		
A	DE-C- 913 697 (BERSTORFF) * Page 2, lines 39-78; figures 1,2 *	1-3,10	
A	---		
A	FR-A- 944 436 (ESCHER WYSS) * Page 1, line 55 - page 3, line 10; figures 1-3 *	1,4,5,8	
A	---		
A	US-A-2 431 278 (RAVER) * Column 1, line 34 - column 2, line 40; figures 1-3 *	1,4-6,9	
A	---		
A	US-A-4 538 428 (WILKERSON) * Column 2, line 23 - column 4, line 10; figures 1-4 *	1,4,8, 13	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	---		F 25 C F 28 F F 28 D
A	GB-A-1 460 095 (TREUER) * Page 2, line 35 - page 4, line 110; figures 1-6 *	1,4-7	
A	---		
A	FR-A-2 383 412 (USIFROID) * Page 2, line 33 - page 4, line 20; figures 1-3 *	1,4,5, 11-13	
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The present search report has been drawn up for all claims			
EPO FORM 1501 03/82 (P0401)	Place of search THE HAGUE	Date of completion of the search 24-06-1988	Examiner BOETS A.F.J.
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			



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	DE-C- 842 650 (LINDE) * Page 2, line 49 - page 3, line 12; figures 1-3 * ---	1,9	
A	US-A-1 963 842 (GAY) ---		
A	US-A-2 308 541 (RAVER) ---		
A	US-A-2 749 722 (KNOWLES) ---		
A	DE-A-1 751 343 (LINDE) ---		
A	FR-A-1 075 650 (A.E.F.) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
<p>The present search report has been drawn up for all claims</p>			
Place of search	Date of completion of the search		Examiner
THE HAGUE	24-06-1988		BOETS A.F.J.
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			