

(19)



Europäisches Patentamt
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(11) Publication number:

0 423 091 A3

(12)

EUROPEAN PATENT APPLICATION(21) Application number: **90850321.2**(51) Int. Cl.⁵: **D21D 1/22, D21D 1/30**(22) Date of filing: **01.10.90**(30) Priority: **05.10.89 FI 894729**(43) Date of publication of application:
17.04.91 Bulletin 91/16(84) Designated Contracting States:
AT DE FR GB IT SE(88) Date of deferred publication of the search report:
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S-402 21 Göteborg(SE)(54) **Refiner for the refining of paper pulps and the like.**

(57) A refiner for the refining of paper pulps or the like, comprising oppositely placed refiner blades (2, 3), at least one of which rotates, an intake (11) for the pulp to be refined and an outlet (12) for the refined pulp. A drawback with conventional refiners is that the pulp fed into the refiner is not refined

uniformly because there is no provision for selecting the pulp fractions to be refined. The invention solves this problem in that one or more of the refiner blades (2, 3) are provided with one or more top separators (6) which are at least partially conical and fixedly connected to the blades.

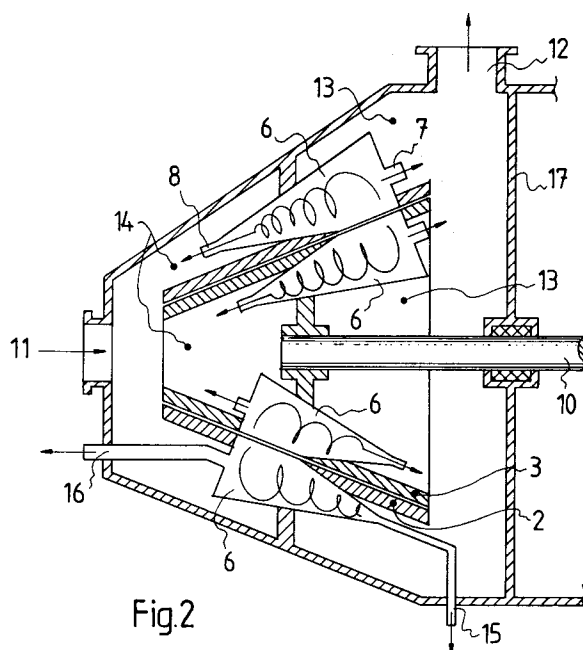


Fig.2

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Application Number

EP 90 85 0321

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.5)		
A	WO-A-8 803 189 (SUNDS DEFIBRATOR JYLHÄ PY) * the whole document * *	1	D 21 D 1/22 D 21 D 1/30		
A	DE-A-1 909 241 (HOMBAK) * the whole document * *	1			
A	FR-A-2 597 127 (KAMYR) * the whole document * *	1			
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)		
			D 21 D		
The present search report has been drawn up for all claims					
Place of search		Date of completion of search	Examiner		
The Hague		24 January 92	DE RIJCK F.		
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