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⑤④ **Means for defibrating and sorting pulp in paper and cellulose industry.**

⑤⑦ A means for defibrating and sorting pulp in paper and cellulose industry, comprising a defibrating means (1,2) consisting of a rotor (2) and a stator (1), wherebetween is established a defibrating zone, and of a sorter (3,4) consisting of another rotor (3) and another stator (4), wherebetween is established a sorting zone, and said stator (4) of the sorter being formed to be sieve-like, and said means comprising a pulp feed (6), accept removal (7) and reject removal (8). At present, defibrating and sorting processes have to be carried out using separate apparatus, which is expensive and space-consuming. With the aid of the present invention, the problem is solved in that the angle (α) between the centre-line of the shaft (9) of the rotor (2) of the defibrating means (1,2) and the defibrating zone is 5 to 45° and the angle (β) between the sorting zone and the shaft (9) of the rotor (3) of the sorter (3,4) is 75 to 105°, and that the defibrating and the sorting processes take place in the same pulp space (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)
A	WO-A-8 504 433 (SUNDS DEFIBRATOR AB) * Whole document * ---	1	D 21 D 1/12 D 21 D 5/04
A	FR-A-1 385 712 (CANADIAN INGERSOLL-RAND CO., LTD) * Page 7, right-hand column, paragraph 3; figure 23 * ---	1	
A	FR-A-2 489 712 (SUNDS DEFIBRATOR, INC.) * Whole document * ---	1	
A	DE-B-1 511 177 (OY TAMPELLA AB) * Figure * ---	1	
A	US-A-3 437 204 (J.H. CLARKE-POUNDER) * Column 6, lines 20-36; figure 6 * -----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			D 21 D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-11-1988	Examiner HOEPER
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			