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54 **Method and apparatus for separating knots.**

57 The invention relates to a method and apparatus for separating knots. In particular the method and the apparatus are meant to be used in separating knots from fibre suspensions of the wood processing industry. The knoter according to the invention uses a profiled screen cylinder (5) with which it has been found from performed tests to be most preferable to feed the pulp from the connections (2) in the direction of rotation of the screen cylinder and also to discharge the reject from the connections (4) and the accept from the connections (3) of the cylinder (5) in the direction of rotation. As a result, there is not only less wear of the screen surface, but also a significantly smaller consumption of power per pulp ton than in the apparatuses in accordance with the prior art.

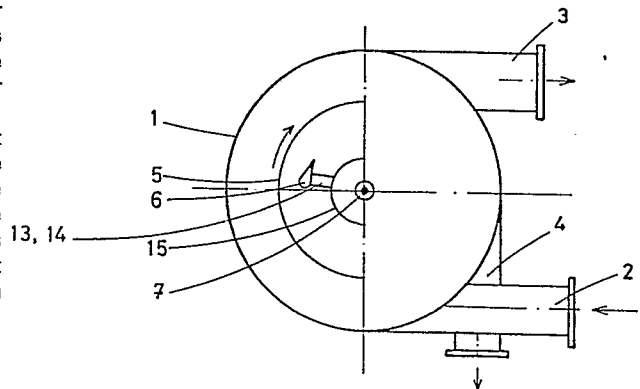


FIG. 2



EP 88 10 0678

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	GB-A-2 070 466 (AB CELLECO) * Page 2, lines 61-118; figures 1-4,10 *	1	D 21 D 5/06
A	---	3,7	
Y,D	US-A-4 441 999 (R.H. FRYKHULT) * Whole document *	1,3-7	
A	---	10	
Y	GB-A-1 070 451 (CANADIAN INGERSOLL-RAND CO.) * Figures 1,2,3 *	1	
A	---	3,7	
Y	US-A-3 939 065 (S.E.E. AHLFORS) * Whole document *	3-7	
A	---	2	
Y	US-A-3 581 903 (E. HOLZ) * Whole document *	3-7	
A	---	1	
A	CH-A- 182 068 (MÜHLENBAU UND INDUSTRIE AG) * Whole document *	1,2,3,7	TECHNICAL FIELDS SEARCHED (Int. Cl.4) D 21 D B 01 D
A	EP-A-0 205 623 (MITSUBISHI JNKOYO K.K.) * Figures 1-9 *	1,3,7	
A	US-A-3 277 814 (K.G. MALM et al.) * Figure 1 * -----	7	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-11-1988	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			