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Kouvola(FI)(74) Representative: **Gilmour, David Cedric**
Franklyn et al
POTTS, KERR & CO. 15 Hamilton Square
Birkenhead Merseyside L41 6BR(GB)(54) **Press section of a paper, cardboard, or pulp drying machine.**

(57) A press section of a paper, cardboard, or pulp drying machine with several separate press nips (N_1 , N_2 , N_3) in the direction of the passage of the web (W), wherein the said press nips remove considerable quantities of water from the web (W). Each nip is formed between two press rolls (21,31; 41,51; 61,71), and in the first two nips (N_1 , N_2) the web (W) runs between two water-receiving press felts (20,30; 40,50; 60,70). Dewatering takes place in the said nips (N_1 , N_2) through both surfaces of the web (W), wherein the said nips (N_1 , N_2) are formed between

two open-faced rolls. Transfer felt or felts (1; 101, 201, 301) are arranged in the press section, wherein the said transfer felt or felts are permeable to water and do not absorb considerable quantities of water into themselves, and wherein the said transfer felt or felts are arranged to run through the said press nips (N_1 , N_2 , N_3) formed by open-faced rolls, between the second press felt (30, 50, 70) of the nip and the web (W), in order to considerably support the web (W) on the runs between the nips (N_1 , N_2 , N_3) to achieve closed draw of the web.

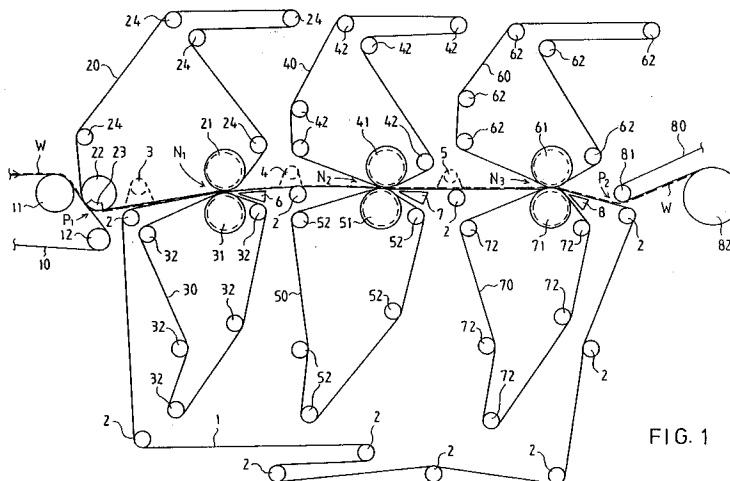


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number

EP 90 30 5355

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	DE-A-3 604 522 (VALMET OY) * the whole document * * - - - -	1-5,7-10	D 21 F 3/04
A	US-A-3 556 940 (CRONIN) * the whole document * * - - - -	1	
A	US-A-3 093 535 (BRAUNS ET AL) * the whole document * * - - - -	1	
A	US-A-3 214 330 (WICKER ET AL) * the whole document * * - - - -	1	
A	US-A-3 266 976 (BREZINSKI) * the whole document * * - - - -	1	
P,A	DE-A-3 742 848 (SULZER-ESCHER WYSS) * the whole document * * - - - - -	1,2,7-10	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 21 F
Place of search		Date of completion of search	Examiner
The Hague		29 October 91	DE RIJCK F.
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