

Title (en)  
PAPER MAKING MACHINERY

Publication  
**EP 0102173 A3 19840808 (EN)**

Application  
**EP 83304192 A 19830719**

Priority  
GB 8221232 A 19820722

Abstract (en)  
[origin: EP0102173A2] A paper making machine includes a dryer section which constitutes 50% or more of the length of the paper machine. It has been proposed to reduce or obviate this dryer section by subjecting the paper sheet simultaneously to high nip pressures and temperatures, but conventional wet press felts are not suitable in a press drying system. The invention is concerned with an endless permeable belt for releasing moisture from fibrous paper making dispersions or sheets formed therefrom in which the belt is formed from a flexible corrosion and stretch resistant sheet having a high tensile strength and which is formed from metallic fibres laid randomly in a sheet and bonded together. Such a belt can be used in press drying or can also be used in other parts of the paper machine as well as the press drying section.

IPC 1-7  
**D21F 1/10**; **D21F 7/08**

IPC 8 full level  
**D04H 1/42** (2006.01); **D21F 1/00** (2006.01); **D21F 1/10** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP)  
**D21F 1/10** (2013.01); **D21F 7/08** (2013.01)

Citation (search report)  
• [X] GB 889583 A 19620221 - ARMOUR RES FOUND  
• [X] GB 821690 A 19591014 - ARMOUR RES FOUND  
• [X] FR 1601364 A 19700817  
• [X] DE 2057063 A1 19720525 - WMF WUERTTEMBERG METALLWAREN  
• [A] US 2316818 A 19430420 - STYBR MILES A

Cited by  
BE1008484A3; WO8902005A1

Designated contracting state (EPC)  
BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0102173 A2 19840307**; **EP 0102173 A3 19840808**; BR 8303856 A 19840228; DK 331483 A 19840123; DK 331483 D0 19830719; ES 524246 A0 19840616; ES 530234 A0 19850316; ES 8503392 A1 19840616; ES 8600706 A1 19850316; FI 832628 A0 19830719; FI 832628 A 19840123; JP S5930991 A 19840218; NO 832642 L 19840123

DOCDB simple family (application)  
**EP 83304192 A 19830719**; BR 8303856 A 19830719; DK 331483 A 19830719; ES 524246 A 19830719; ES 530234 A 19840302; FI 832628 A 19830719; JP 13178683 A 19830719; NO 832642 A 19830720