

Title (en)  
PRESS FELT

Publication  
**EP 0440076 A3 19911016 (DE)**

Application  
**EP 91100783 A 19910123**

Priority  
DE 4002761 A 19900131

Abstract (en)  
[origin: EP0440076A2] A press felt for the press area of a paper machine has a supporting material web made of one or more woven fabrics or knitted fabrics and a fibre layer applied at least to the paper side and associated with the supporting material web, the surface of which forms the paper contact side and in which a permeable layer is arranged between the paper contact side and supporting material web. To improve the dewatering power, the permeable layer is designed as a barrier layer (7) having a surface covering of 45% to 85%, the barrier layer (7) having elongated passage openings (9) aligned in the transverse direction. <IMAGE>

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

IPC 8 full level  
**D21F 7/08** (2006.01)

CPC (source: EP)  
**D21F 7/083** (2013.01)

Citation (search report)  
• [A] US 3214327 A 19651026 - WICKER DAN B, et al  
• [A] GB 1455843 A 19761117 - SCAPA PORRITT LTD  
• [AD] US 4772504 A 19880920 - ANDRESEN HANS [FI]  
• [AD] US 1651476 A 19271206 - SHEEHAN WILLIAM E

Cited by  
EP0547816A1; EP0590288A1; CN1294324C; US6531418B1; WO2005075731A3; WO9821403A1; US7297233B2; US7815773B2

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