

Title (en)
BELT FOR USE IN WET PRESSES OF PAPER MACHINES

Publication
EP 0098502 A3 19841121 (DE)

Application
EP 83106268 A 19830628

Priority
DE 3224760 A 19820702

Abstract (en)
[origin: US4564551A] A belt to be used in paper-machine wet-pressing, in particular in a machine with an extended pressing gap, includes a flexible, liquid-impermeable belt stratum which is smooth on its back side. This belt is improved by providing the front side of the belt stratum (2,12,25,36) with a structured surface with open longitudinal and/or transverse channels (9,14,30,41), for the purpose of water drainage, which cannot be squeezed, or only insignificantly, under press compression.

IPC 1-7
D21F 3/02; **D21F 1/00**

IPC 8 full level
D21F 1/00 (2006.01); **D21F 3/02** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP US)
D21F 1/0036 (2013.01 - EP US); **D21F 1/0072** (2013.01 - EP US); **D21F 3/0227** (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **D21F 7/086** (2013.01 - EP US); **Y10S 162/901** (2013.01 - EP US); **Y10T 428/24273** (2015.01 - EP US); **Y10T 428/24331** (2015.01 - EP US); **Y10T 428/249922** (2015.04 - EP US)

Citation (search report)
• [X] DE 2262201 A1 19730705 - BELOIT CORP
• [XP] GB 2106557 A 19830413 - ALBANY INT CORP [US]

Cited by
EP0834615A1; EP0273093A1; EP0185108A1; DE3914534C1; EP0396036A1; US5178937A; EP0396035A1; DE3914533A1; US5175037A; EP3591258A1; WO9916966A1; WO9714846A1; EP0659934A2; EP0695827A2; EP0658649A1

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

DOCDB simple family (publication)
EP 0098502 A2 19840118; **EP 0098502 A3 19841121**; **EP 0098502 B1 19871119**; AT E30933 T1 19871215; DE 3224760 A1 19840105; DE 3374573 D1 19871223; US 4564551 A 19860114

DOCDB simple family (application)
EP 83106268 A 19830628; AT 83106268 T 19830628; DE 3224760 A 19820702; DE 3374573 T 19830628; US 57288884 A 19840116