

Title (en)

A METHOD FOR PRODUCING AN ENDLESS BELT WITH A SMOOTH INNER SURFACE FOR USE IN A PAPERMAKING EXTENDED NIP PRESS

Publication

EP 0194602 B1 19900704 (EN)

Application

EP 86103042 A 19860307

Priority

US 71145485 A 19850313

Abstract (en)

[origin: EP0194602A1] A belt (16) is disclosed having a base fabric (34) which has been impregnated by or immersed into a polymer material (36) so that it has a smooth inner surface (16'). The belt (16) is used to form an extended press nip (10) for dewatering a paper web (24). The press nip (10) is formed by forcing a stationary shoe (14) against the inner surface of the belt (16). The belt (16) is preferably made by mounting a base fabric (34) on the inner mandrel (40) of a cylindrical mold (38) and injecting an appropriate material in the mold. After the material is properly dispersed through the base fabric, it is cured.

IPC 1-7

D21F 3/02

IPC 8 full level

B29C 39/10 (2006.01); **D21F 3/00** (2006.01); **D21F 3/02** (2006.01); **B29L 29/00** (2006.01)

CPC (source: EP)

D21F 3/0227 (2013.01); **D21F 3/0236** (2013.01)

Cited by

DE19537182A1; US5427653A; US5507899A; US7014734B2; EP0389674A3; US5792323A; US5837080A; DE3816004A1; FR2619049A1; BE1003631A3; US6337112B1; US7014733B2

Designated contracting state (EPC)

AT DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0194602 A1 19860917; **EP 0194602 B1 19900704**; AT E54347 T1 19900715; BR 8506360 A 19861209; CA 1282270 C 19910402; DE 3672359 D1 19900809; FI 855023 A0 19851217; FI 855023 A 19860914; FI 86315 B 19920430; FI 86315 C 19920810; JP H0357236 B2 19910830; JP S61258715 A 19861117; MX 162003 A 19910320; NO 167097 B 19910624; NO 167097 C 19911002; NO 860939 L 19860915; ZA 859176 B 19860827

DOCDB simple family (application)

EP 86103042 A 19860307; AT 86103042 T 19860307; BR 8506360 A 19851218; CA 499552 A 19860114; DE 3672359 T 19860307; FI 855023 A 19851217; JP 2607586 A 19860210; MX 86385 A 19851209; NO 860939 A 19860312; ZA 859176 A 19851129