

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

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CPC (source: EP)

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Cited by

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

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