

Title (en)
Belts for shoe presses

Title (de)
Band für Schuhpressen

Title (fr)
Bande pour presses à patin

Publication
EP 0960975 A2 19991201 (EN)

Application
EP 99660026 A 19990216

Priority
US 8403698 A 19980522

Abstract (en)
A long nip press belt (110) for a long nip press on a paper machine includes an endless base support substrate (112), a staple fiber batt (122) attached to at least one of the two sides of the endless base support substrate (112), and polymeric resin materials (128) totally impregnating the fiber/base composite structure (126,136) comprising the endless base support substrate and the staple fiber batt. A layer of polymeric resin material (130) is built up upon the fiber/base composite structure to a predetermined thickness on each side of the long nip press belt. Once the polymeric resin material is cured, at least the inside surface is ground to a desired smoothness without exposing any fiber on the ground surface. <IMAGE>

IPC 1-7
D21F 3/02

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

CPC (source: EP KR)
D21F 3/0227 (2013.01 - EP); **D21F 7/083** (2013.01 - EP); **D21F 7/12** (2013.01 - KR)

Cited by
US7303656B2; EP1184511A3; EP2213789A4; CN103097609A; EP4343057A3; US9341232B2; WO0238859A1; WO03071030A1; WO2015069989A1; WO2005005720A1; WO02079569A3; US7090747B2; US7374641B2; KR101108521B1

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