

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

Designated contracting state (EPC)  
AT BE DE ES FI FR GB IT NL SE

DOCDB simple family (publication)  
**EP 0960975 A2 19991201; EP 0960975 A3 20010117**; AU 1834199 A 19991202; BR 9901025 A 20000328; CA 2261504 A1 19991122; CN 1236842 A 19991201; ID 23463 A 20000427; JP 2000017594 A 20000118; KR 19990088374 A 19991227; NO 992475 D0 19990521; NO 992475 L 19991123; ZA 992099 B 19991123

DOCDB simple family (application)  
**EP 99660026 A 19990216**; AU 1834199 A 19990222; BR 9901025 A 19990324; CA 2261504 A 19990212; CN 99105239 A 19990422; ID 990460 D 19990519; JP 14300999 A 19990524; KR 19990017937 A 19990519; NO 992475 A 19990521; ZA 992099 A 19990316