

Title (en)

Belt for shoe press

Title (de)

Band für eine Schuhpresse

Title (fr)

Bande pour une presse à patin

Publication

EP 0886004 A1 19981223 (EN)

Application

EP 98110828 A 19980612

Priority

JP 18045197 A 19970621

Abstract (en)

A belt (1) for a shoe press with felt side resin layer (3) grooves (5) having improved crack resistance in the vicinity of a shoe edge has the grooves (5) in that vicinity of a reduced depth, increased pitch or both. In a first embodiment, the depth (b') of the recessed grooves (55) in the portion of the felt side resin layer outside of the width of a paper sheet to be made, i.e., the outside grooves, is shallower than the depth (b) of the recessed grooves (5u) in the portion of the layer which is inside of the width of the paper sheet, i.e., the inside grooves. In a second embodiment, the depth of the outside grooves (5s) diminishes stepwise toward the outside from the edge of the paper. In a third embodiment, the pitch (c'), or widthwise spacing, of the outside grooves is greater than the pitch (c) of the inside grooves and each outside groove is one-half of the depth of the inside grooves. In a fourth embodiment, the outside grooves are of both increased pitch and stepwise diminishing depth. <IMAGE>

IPC 1-7

D21F 3/02

IPC 8 full level

D21F 3/02 (2006.01)

CPC (source: EP KR)

D21F 3/0227 (2013.01 - EP KR)

Citation (search report)

- [X] DE 4445472 A1 19960627 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [A] DE 4411621 A1 19951005 - VOITH SULZER PAPIERMASCH GMBH [DE]

Cited by

EP1496152A1; US7384516B2; EP1382737A4; CN1327081C; AU2003220868B2; EP1662041A4; US6921461B2; US8080137B2; US7704350B2; US7326321B2; WO03085195A1; WO0248456A1; US7387711B2; US10815619B2; WO03085196A1; WO2017115013A1

Designated contracting state (EPC)

AT CH DE DK ES FI FR GB LI NL SE

DOCDB simple family (publication)

EP 0886004 A1 19981223; BR 9803344 A 19991109; CA 2240793 A1 19981221; ID 20456 A 19981224; JP H1112975 A 19990119; KR 19990006926 A 19990125

DOCDB simple family (application)

EP 98110828 A 19980612; BR 9803344 A 19980616; CA 2240793 A 19980616; ID 980867 A 19980612; JP 18045197 A 19970621; KR 19980021879 A 19980612