

Title (en)
Shoe press belt

Title (de)
Schuhpressenbelt

Title (fr)
Bande pour presse à patin

Publication
EP 1251203 B1 20070613 (DE)

Application
EP 01109618 A 20010418

Priority
EP 01109618 A 20010418

Abstract (en)
[origin: EP1251203A1] The shoe press belt, as a roller mantle to extract water from a wet web or provide a calendered surface finish, is composed of a pliable and impermeable elastomer layer and a textile reinforcement layer. The elastomer layer (9a) is of soft rubber with a hardness of 5-100 P and J, and preferably 20-50 P and J and especially 35 P and J. The rubber layer has blind drillings (9d). The textile layer (9b) is of modified glass fibers, carbon fibers and/or high tensile synthetic fibers

IPC 8 full level
D21F 3/02 (2006.01); **D21G 1/00** (2006.01)

CPC (source: EP US)
D21F 3/0227 (2013.01 - EP US); **D21G 1/006** (2013.01 - EP US); **Y10S 162/901** (2013.01 - EP US)

Cited by
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DOCDB simple family (publication)
EP 1251203 A1 20021023; EP 1251203 B1 20070613; AT E364750 T1 20070715; CA 2434776 A1 20021024; CA 2434776 C 20080819; DE 50112624 D1 20070726; US 2004094282 A1 20040520; US 7014734 B2 20060321; WO 02084020 A1 20021024

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EP 01109618 A 20010418; AT 01109618 T 20010418; CA 2434776 A 20020320; DE 50112624 T 20010418; EP 0203129 W 20020320; US 47563203 A 20031020