

Title (en)

PRESS BELTS AND SHOE PRESS DEVICE USING THE BELTS

Title (de)

PRESSBÄNDER UND DERER SICH BEDIENENDE SCHUHPRESSE

Title (fr)

COURROIES DE PRESSAGE ET DISPOSITIF DE PRESSAGE A SABOT UTILISANT CES COURROIES

Publication

**EP 1502990 A1 20050202 (EN)**

Application

**EP 03715753 A 20030403**

Priority

- JP 0304302 W 20030403
- JP 2002109544 A 20020411

Abstract (en)

A press belt (11; 21; 31; 41; 51; 61; 71; 81) employed for pressurizing a zonal material, endlessly formed by an elastic material with the thickness progressively reduced from a central pressurizing portion (C1; C2; C3; C4; C5; C6; C7) toward end pressurizing portions (A1, A1'; A2, A2'; A3, A3'; A4, A4'; A5, A5'; A6, A6'; A7, A7'). A shoe press comprising at least the aforementioned press belt, a pressure shoe (82) applying pressure to the aforementioned press belt and pressure regulation means (83) regulating the pressure of the pressure shoe. Thus, the pressure can be uniformly applied to a zonal material to be pressurized. <IMAGE>

IPC 1-7

**D21F 3/00**; **D21F 3/02**

IPC 8 full level

**F16C 13/00** (2006.01); **D21F 3/00** (2006.01); **D21F 3/02** (2006.01)

CPC (source: EP KR US)

**D21F 3/00** (2013.01 - KR); **D21F 3/02** (2013.01 - KR); **D21F 3/0227** (2013.01 - EP US); **D21F 7/08** (2013.01 - KR); **Y10T 428/24479** (2015.01 - EP US)

Cited by

EP1854918A4; CN103097609A; EP2584093A1; EP1561859A4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1502990 A1 20050202**; **EP 1502990 A4 20050817**; AU 2003220976 A1 20031020; CA 2481472 A1 20031016; CN 1646765 A 20050727; JP 2003306882 A 20031031; JP 3591833 B2 20041124; KR 100612636 B1 20060814; KR 20040105239 A 20041214; US 2005145360 A1 20050707; WO 03085196 A1 20031016

DOCDB simple family (application)

**EP 03715753 A 20030403**; AU 2003220976 A 20030403; CA 2481472 A 20030403; CN 03809023 A 20030403; JP 0304302 W 20030403; JP 2002109544 A 20020411; KR 20047016124 A 20030403; US 51051704 A 20041007