Title (en)
WEARING COATING FOR DELIVERY ROLLERS OF A DRAWING ROLLER FRAME

Title (de)
VERSCHLEISSSCHICHT FÜR AUSGANGSWALZEN EINER WALZENSTRECKVORRICHTUNG

Title (fr)
COUCHE D'USURE POUR CYLINDRES DE SORTIE D'UN BANC D'ÉTIRAGE À CYLINDRES

Publication
EP 1991725 B1 20160120 (DE)

Application
EP 07704107 A 20070124

Priority
• EP 2007050675 W 20070124
• DE 102006011128 A 20060308

Abstract (en)
[origin: WO2007101742A1] The coating of the pressure roller (3) of a drawing roller frame for spinning frames comprises an outer layer and an inner layer fixed to the core of the pressure roller. The outer layer is thinner and harder than the inner layer and is embodied as an endless belt (1) which loosely surrounds the inner layer such that the belt can be displaced in relation to the inner layer. In order to improve the running of the belt, the belt is guided over a deflector rail (2), the cross-sectional area (u) of the rail being wider than the average staple length of the fibre material (F) drawn on the drawing roller frame. Furthermore, the belt is designed in such a way that it comprises a double thread interlining, one thread interlining being wound counter to the second thread interlining such that the threads of one thread interlining cross the threads of the second thread interlining.

IPC 8 full level
D01H 5/80 (2006.01); **D01H 5/86** (2006.01)

CPC (source: EP KR US)
D01H 5/00 (2013.01 - KR); **D01H 5/26** (2013.01 - KR); **D01H 5/80** (2013.01 - EP US); **D01H 5/86** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102006011128 A1 20070913; **DE 102006011128 B4 20160428**; BR PI0708749 A2 20110628; CN 101395309 A 20090325; CN 101395309 B 20110330; EP 1991725 A1 20081119; EP 1991725 B1 20160120; JP 2009529105 A 20090813; JP 5112341 B2 20130109; KR 101403802 B1 20140603; KR 20080102424 A 20081125; US 2009144942 A1 20090611; US 8099835 B2 20120124; WO 2007101742 A1 20070913

DOCDB simple family (application)
DE 102006011128 A 20060308; BR PI0708749 A 20070124; CN 200780007975 A 20070124; EP 07704107 A 20070124; EP 2007050675 W 20070124; JP 2008557699 A 20070124; KR 20087024639 A 20070124; US 28203107 A 20070124