

Title (en)
WOVEN BELT FOR A CORRUGATED PAPER BOARD MACHINE

Title (de)
GEWEBEGURT FÜR EINE WELLPAPPENBEKLEBEMASCHINE

Title (fr)
COURROIE TISSEE POUR UNE MACHINE DE PRODUCTION DE CARTON ONDULE

Publication
EP 1664410 A1 20060607 (DE)

Application
EP 03748033 A 20030916

Priority
EP 0310271 W 20030916

Abstract (en)
[origin: WO2005035846A1] The invention relates to a woven belt for a corrugated board machine. Said belt comprises a first woven layer (20) consisting of warp and weft threads, which absorbs tensile forces in the longitudinal direction (5) of the belt. An additional upper woven layer (10), consisting of warp and weft threads and covering said first woven layer (20), forms a paper face (15) that supports the corrugated board. The woven layers (10, 20) are interconnected by binder threads and the upper woven layer (10) that forms the paper face (15) is permeable to vapour in order to dissipate moisture from the paper face. To guarantee a high friction pairing of the belt and the corrugated card that it supports, without having a detrimental effect on the vapour permeability, a strip (25) of material (25') with a high friction coefficient is provided on the paper face (15), said strip being narrower perpendicular to the longitudinal direction (5) of the belt (1) than the width of said belt (1).

IPC 1-7
D03D 15/10; **D03D 11/00**; **D21F 1/00**

IPC 8 full level
D03D 11/00 (2006.01); **D03D 15/58** (2021.01); **D21F 1/00** (2006.01)

CPC (source: EP US)
D21F 1/0045 (2013.01 - EP US); **Y10T 442/2139** (2015.04 - EP US)

Citation (search report)
See references of WO 2005035846A1

Cited by
DE202017105791U1

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)
WO 2005035846 A1 20050421; AT E450639 T1 20091215; AU 2003267366 A1 20050427; DE 50312198 D1 20100114;
EP 1664410 A1 20060607; EP 1664410 B1 20091202; ES 2337675 T3 20100428; JP 2007515308 A 20070614; JP 4630818 B2 20110209;
US 2006228961 A1 20061012

DOCDB simple family (application)
EP 0310271 W 20030916; AT 03748033 T 20030916; AU 2003267366 A 20030916; DE 50312198 T 20030916; EP 03748033 A 20030916;
ES 03748033 T 20030916; JP 2005509414 A 20030916; US 30824706 A 20060314