

Title (en)

Belt for transferring a fibrous web during manufacture thereof

Title (de)

Band zum Überführen einer herzustellenden Faserstoffbahn

Title (fr)

Bande pour transferer une bande fibreuse durant la fabrication de celle-ci

Publication

EP 1770205 A3 20100414 (DE)

Application

EP 06119220 A 20060821

Priority

DE 102005046812 A 20050930

Abstract (en)

[origin: EP1770205A2] The belt (1) which comprises at least a textile carrier material and a coating applied thereto to contact the fibre web such as paper or cardboard web being produced has over its entire width at least one characteristic feature (C) which is permanently different in at least one area. The characteristic can be a direct product parameter of the belt such as material used, thickness of the carrier material, penetration of the coatings, structural design of the belt; or an indirect product parameter such as roughness, bending strength, pore size. Independent claim describes machine such as paper or cardboard machine producing paper webs wherein at least one machine area has a belt as above for transferring the fibre web. Independent claim describes use of belt for transferring paper web in machine area or between two machine areas of a fibre web manufacturing machine.

IPC 8 full level

D21F 7/08 (2006.01)

CPC (source: EP US)

D21F 3/0227 (2013.01 - EP US); **D21F 7/083** (2013.01 - EP US); **Y10S 162/90** (2013.01 - EP US); **Y10S 162/901** (2013.01 - EP US); **Y10S 162/902** (2013.01 - EP US); **Y10T 428/24793** (2015.01 - EP US); **Y10T 428/2481** (2015.01 - EP US); **Y10T 442/2221** (2015.04 - EP US); **Y10T 442/2344** (2015.04 - EP US); **Y10T 442/2369** (2015.04 - EP US)

Citation (search report)

- [E] WO 2007033877 A1 20070329 - VOITH PATENT GMBH [DE], et al
- [E] EP 1749931 A2 20070207 - VOITH PATENT GMBH [DE]
- [XD] WO 02053832 A1 20020711 - TAMFELT OYJ ABP [FI], et al
- [X] US 3867766 A 19750225 - WAGNER JOSEPH ROBERT
- [X] DE 20107846 U1 20010816 - VOITH PAPER PATENT GMBH [DE]
- [X] US 6743571 B1 20040601 - HILL MICHAEL DOUGLAS [US], et al

Cited by

EP2711458A1; EP2088236A3; EP2392729A1; US9157185B2; EP1813715A1

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1770205 A2 20070404; **EP 1770205 A3 20100414**; DE 102005046812 A1 20070405; US 2007074836 A1 20070405; US 7691237 B2 20100406

DOCDB simple family (application)

EP 06119220 A 20060821; DE 102005046812 A 20050930; US 52802106 A 20060927