

Title (en)
Endless belt to be used as printing blanket

Title (de)
Endlosband für den Gebrauch als Drucktuch

Title (fr)
Élément en forme de bande sans fin formant en particulier blanchet d'impression

Publication
EP 0565457 B1 19971105 (FR)

Application
EP 93400945 A 19930409

Priority
FR 9204452 A 19920410

Abstract (en)
[origin: US5456171A] A belt-shaped element for printing textiles. The belt is a sandwich structure shaped to conform around two textile printing machine cylinders, and operative to move fabric articles thereon past printing stations with minimal registration error. An exemplary belt has at least one outer elastomer layer, or "working layer," and an inner "cylinder" layer that is innermost against the printing machine cylinders. An exemplary cylinder layer comprises a sheet of fibers oriented longitudinally and having a rigidity of 106-107 megapascals in the longitudinal direction. Other exemplary belts comprise an intermediate layer between the outer elastomer and inner fiber sheet layers. An exemplary intermediate layer comprises a layer of transverse fibers.

IPC 1-7
B41N 10/04

IPC 8 full level
B29D 29/00 (2006.01); **B41N 10/04** (2006.01); **B65G 15/30** (2006.01); **D03D 1/00** (2006.01); **D03D 3/04** (2006.01); **F16G 1/08** (2006.01); **B29K 21/00** (2006.01); **B29K 105/14** (2006.01)

CPC (source: EP KR US)
B41N 10/04 (2013.01 - EP KR US); **B41N 2210/06** (2013.01 - EP KR US); **B41N 2210/14** (2013.01 - EP KR US); **Y10S 101/48** (2013.01 - EP KR US); **Y10S 428/909** (2013.01 - EP KR US); **Y10T 442/3813** (2015.04 - EP US)

Cited by
CN111339614A; EP0613791A3

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 5456171 A 19951010; AT E159895 T1 19971115; AU 3678293 A 19931014; AU 670070 B2 19960704; DE 69314987 D1 19971211; DE 69314987 T2 19980528; EP 0565457 A1 19931013; EP 0565457 B1 19971105; ES 2111721 T3 19980316; FR 2689815 A1 19931015; FR 2689815 B1 19960515; JP H0681243 A 19940322; KR 0139186 B1 19980428; KR 930021381 A 19931122; SG 47892 A1 19980417

DOCDB simple family (application)
US 32679894 A 19941020; AT 93400945 T 19930409; AU 3678293 A 19930408; DE 69314987 T 19930409; EP 93400945 A 19930409; ES 93400945 T 19930409; FR 9204452 A 19920410; JP 10890993 A 19930412; KR 930006071 A 19930410; SG 1996005065 A 19930409