

Title (en)

METHOD FOR PROFILING IN CD-DIRECTION THE SURFACE QUALITIES OF A FIBROUS WEB TO BE MANUFACTURED/TREATED IN A PAPER/BOARD MACHINE OR IN A FINISHING MACHINE

Title (de)

VERFAHREN ZUR QUERRICHTUNGS-PROFILIERUNG DER OBERFLÄCHENEIGENSCHAFTEN EINER IN EINER PAPIER-/PAPP-MASCHINE ODER EINER ENDBEARBEITUNGSMASCHINE HERZUSTELLENDEN FASERBAHN

Title (fr)

PROCEDE D'OBTENTION DE PROFILS TRANSVERSAUX DE QUALITES DE SURFACE D'UNE BANDE FIBREUSE A FABRIQUER / TRAITER DANS UNE MACHINE A PAPIER / CARTON OU DANS UNE MACHINE DE FINITION

Publication

EP 1981684 B1 20150506 (EN)

Application

EP 07700287 A 20070117

Priority

- FI 2007050022 W 20070117
- FI 20065077 A 20060201

Abstract (en)

[origin: WO2007088241A1] The invention relates to a method for profiling in CD-direction the surface qualities of a fibrous web to be manufactured/ treated in a paper/board machine or in a finishing machine, said method comprising passing a fibrous web through a treatment zone established by a belt and its backing element. The method comprises controlling the CD-directed surface roughness of at least a single pressing element, working on a fibrous web in the treatment zone, by polishing or roughening the surface of the discussed element selectively in various positions along CD-direction. The invention relates further to a grinding device for grinding a metal belt in a mechanism driving the metal belt of a paper/board machine or a finishing machine. The device comprises a grinding unit (3), disposed on one side of a belt (9) and having a liquid-filled cavity (6) in which is accommodated a grinding tool (5) oscillating crosswise of the belt presently in grinding, and a backing surface (4, 16) present on the opposite side of the belt (9) and provided with a cooling fluid circulation.

IPC 8 full level

B24B 7/00 (2006.01); **D21F 1/10** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP)

B24B 29/02 (2013.01); **D21G 1/00** (2013.01); **D21G 9/0045** (2013.01)

Cited by

CN114800218A

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)

WO 2007088241 A1 20070809; CN 101374634 A 20090225; CN 101374634 B 20110914; EP 1981684 A1 20081022; EP 1981684 A4 20140402; EP 1981684 B1 20150506; FI 120884 B 20100415; FI 20065077 A0 20060201; FI 20065077 A 20070802

DOCDB simple family (application)

FI 2007050022 W 20070117; CN 200780003262 A 20070117; EP 07700287 A 20070117; FI 20065077 A 20060201