

Title (en)

COATING PROCESS AND APPARATUS FOR COATING A MOVING WEB OF PAPER OR PAPERBOARD

Publication

**EP 0438743 B1 19931006 (DE)**

Application

**EP 90124884 A 19901220**

Priority

DE 4002256 A 19900126

Abstract (en)

[origin: EP0438743A1] In the process for coating preferably paperboard, provision is made initially for a coating substance, a very small amount of which is applied to the surface of the one roller 1, to be reproduced on the web W in a pressing gap formed between two rollers 1 and 2, so that a very thin coating remains on the web which, however, covers all places, including the "elevations" of the micro-roughness. The second layer can then be applied to the still damp first layer and metered using customary means. In this case, the first layer is preferably metered on the outer surface of the first roller 1 by means of the circumferential grooves of a roller doctor. The same can also take place in respect of the second coating on the web W. <IMAGE>

IPC 1-7

**D21H 23/70**

IPC 8 full level

**B05C 1/08** (2006.01); **B05C 9/06** (2006.01); **B05C 11/02** (2006.01); **B05D 1/28** (2006.01); **B05D 1/36** (2006.01); **B05D 7/00** (2006.01); **D21H 23/70** (2006.01); **B05C 3/18** (2006.01)

CPC (source: EP)

**B05C 1/083** (2013.01); **B05C 9/06** (2013.01); **B05C 11/025** (2013.01); **D21H 23/70** (2013.01); **B05C 3/18** (2013.01)

Citation (examination)

EP 0352582 A2 19900131 - VOITH GMBH J M [DE]

Cited by

EP0812958A1; EP0731213A3; EP0791687A1; PL422374A1; EP0812957A1; EP0965684A3; EP0571351A1; US6217940B1; WO9820202A1; WO9423127A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

**EP 0438743 A1 19910731**; **EP 0438743 B1 19931006**; AT E95585 T1 19931015; BR 9006678 A 19911001; CA 2035061 A1 19910727; DE 4002256 A1 19910801; DE 59003011 D1 19931111; ES 2044390 T3 19940101; FI 905757 A0 19901121; FI 905757 A 19910727; JP H04313360 A 19921105; NO 176676 B 19950130; NO 176676 C 19950510; NO 904827 D0 19901106; NO 904827 L 19910729

DOCDB simple family (application)

**EP 90124884 A 19901220**; AT 90124884 T 19901220; BR 9006678 A 19901221; CA 2035061 A 19910128; DE 4002256 A 19900126; DE 59003011 T 19901220; ES 90124884 T 19901220; FI 905757 A 19901121; JP 1705591 A 19910117; NO 904827 A 19901106