Title (en)

PROCESS AND DEVICE FOR PRODUCING PAPER WEBS COATED ON BOTH SIDES

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN BEIDSEITIG GESTRICHENER PAPIERBAHNEN

Title (fr)

PROCEDE ET DISPOSITIF POUR PRODUIRE DES BANDES DE PAPIER COUCHEES DEUX FACES

Publication

EP 0706592 A1 19960417 (DE)

Application

EP 95919360 A 19950428

Priority

- DE 4414949 A 19940428
- EP 9501627 W 19950428

Abstract (en)

[origin: US5685909A] PCT No. PCT/EP95/01627 Sec. 371 Date Mar. 21, 1996 Sec. 102(e) Date Mar. 21, 1996 PCT Filed Apr. 28, 1995 PCT Pub. No. WO95/30049 PCT Pub. Date Nov. 9, 1995Disclosed are a process of and an apparatus for producing paper webs coated on both sides, in particular so-called LWC-papers, in a paper making machine. Firstly, one side of the paper web (1) is coated in a first coating station (8) and then dried. Subsequently, the other side of the paper web (1) is coated in a second coating station (25) and then dried. Each coating station (8, 25) includes an application role (10), an opposing roll (11) and an application unit (13) arranged on the application roll for indirectly coating the paper web. The metering of the coating mass on the application roll (10) takes place by means of a smooth roll doctor. The coated paper web (1) is calendered by means of an on-line calendering unit (60).

IPC 1-7

D21H 23/70; D21H 23/56; B05C 9/12

IPC 8 full level

B05C 9/12 (2006.01); **B05C 3/18** (2006.01); **B05C 11/02** (2006.01); **D21H 23/56** (2006.01); **D21H 23/70** (2006.01); **D21H 25/12** (2006.01); B05C 11/04 (2006.01)

CPC (source: EP US)

B05C 3/18 (2013.01 - EP US); **B05C 11/025** (2013.01 - EP US); **D21H 23/56** (2013.01 - EP US); **D21H 23/70** (2013.01 - EP US); **D21H 25/12** (2013.01 - EP US); B05C 11/04 (2013.01 - EP US)

Citation (search report)

See references of WO 9530049A1

Cited by

US7360522B2

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

US 5685909 A 19971111; AT E220143 T1 20020715; BR 9506237 A 19970812; CA 2165974 A1 19951109; DE 4414949 A1 19951102; DE 59510256 D1 20020808; EP 0706592 A1 19960417; EP 0706592 B1 20020703; FI 107750 B 20010928; FI 956281 A0 19951227; FI 956281 A 19960124; JP H08512368 A 19961224; WO 9530049 A1 19951109

DOCDB simple family (application)

US 57182096 A 19960321; AT 95919360 T 19950428; BR 9506237 A 19950428; CA 2165974 A 19950428; DE 4414949 A 19940428; DE 59510256 T 19950428; EP 9501627 W 19950428; EP 95919360 A 19950428; FI 956281 A 19951227; JP 52800195 A 19950428