

Title (en)
DEVICE FOR COATING A MOVING WEB

Publication
EP 0003790 B1 19830907 (DE)

Application
EP 79100404 A 19790212

Priority
US 88228178 A 19780223

Abstract (en)
[origin: EP0003790A1] 1. Device for coating a moving web (12) with a liquid ; consisting of a) a coating roller (14) journaled around an axis (15), b) a first device (22, 48) for exerting pressure onto part of the surface of the coating roller (14), c) a smoothing film (20) interposed between the coating roller (14) and the first device (22, 48) exerting the pressure, and d) a device (32/36, 45) for metering the liquid at a predetermined rate in that region which is in the direction of movement of the web (12) preceding the point of contact of smoothing film (20) and web (12), characterized in that a second device (28, 55) is provided with which the pressure exerted by the first device (22, 48) can be additionally influenced, and that the metering of the liquid at a predetermined rate is performed by the metering device (32/36, 45) as a function of the speed of the web (12).

IPC 1-7
B05C 11/02; **B05C 9/02**; **B05D 1/42**; **G05D 5/02**

IPC 8 full level
B05C 1/08 (2006.01); **B05C 3/18** (2006.01); **B05C 9/02** (2006.01); **B05C 9/04** (2006.01); **B05C 11/02** (2006.01); **B05D 1/28** (2006.01); **B05D 1/40** (2006.01); **B05D 1/42** (2006.01)

CPC (source: EP US)
B05C 3/18 (2013.01 - EP US); **B05C 9/02** (2013.01 - EP US); **B05C 9/04** (2013.01 - EP US); **B05C 11/023** (2013.01 - EP US); **B05D 1/40** (2013.01 - EP US)

Cited by
DE4022948A1; EP0081032A1; EP1428581A4; EP0056704A3; US5367895A; AU2004203164B2; EP0078552A3; US7098519B2; WO03018210A1; WO9210603A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0003790 A1 19790905; **EP 0003790 B1 19830907**; AT 359174 B 19801027; AT A99179 A 19800315; DE 2966123 D1 19831013; JP S54114546 A 19790906; JP S5515265 B2 19800422; US 4327130 A 19820427

DOCDB simple family (application)
EP 79100404 A 19790212; AT 99179 A 19790209; DE 2966123 T 19790212; JP 78679 A 19790110; US 20759080 A 19801117