

Title (en)

APPARATUS FOR APPLYING A THIN LAYER OF A COATING SUBSTANCE TO A TRAVELLING MATERIAL WEB

Publication

**EP 0056067 B1 19841024 (DE)**

Application

**EP 81100219 A 19810114**

Priority

EP 81100219 A 19810114

Abstract (en)

[origin: EP0056067A1] 1. Apparatus for applying a thin layer of a coating material to a material strip (2) moving over a counter-pressure roller (1), by means of a slot nozzle device (3) with fixed inlet and outlet lips of the jet nozzle slot, the outlet lip being formed as a rotatable doctor rod (6) in a two-part doctor bearing, characterized in that the doctor rod (6) is provided outside the strip width (a) with segment-shaped openings (7) and is driven in an oscillatory way so that the segment-shaped openings (7) cannot come into communication with the slot (8) between the two parts (9, 10) of the doctor bearing.

IPC 1-7

**B05C 5/02**; **B05C 11/04**

IPC 8 full level

**B05C 11/02** (2006.01); **B05C 3/18** (2006.01)

CPC (source: EP)

**B05C 11/023** (2013.01); **B05C 11/025** (2013.01); **B05C 3/18** (2013.01)

Cited by

CN114700232A; EP0091147A3; DE10333121A1; DE10333121B4; EP0292471A3; CN115290542A; US6077351A; EP0887115A3; WO2005014181A1

Designated contracting state (EPC)

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