

Title (en)

Roller assembly for applying a coating colour onto a paper web

Title (de)

Walzenauftragswerk zum Auftragen von Streichfarbe auf eine Papierbahn

Title (fr)

Dispositif à rouleaux pour l'application d'une couleur d'enduction sur une bande de papier

Publication

EP 0556675 B1 19960522 (DE)

Application

EP 93101844 A 19930205

Priority

DE 4205312 A 19920221

Abstract (en)

[origin: US5370735A] The invention concerns a roll-coating machine for the application of coating colors onto a paper web, including: a coating roll that rotates in a coating color pool; a trough retaining the color pool and having a coating color inlet, a guide wall with a first overflow edge, and an overflow channel for a first overflow stream; a mating roll that rotates in a direction opposite to that of the coating roll and with it forms an inlet gusset and an outlet gusset; and a guide shield that has a second overflow edge on its downstream end for a second overflow stream, a bypass channel for division of the second overflow stream and having a valve, and a restrictor defined by the guide shield in cooperation with the paper web.

IPC 1-7

D21H 23/34; **D21H 23/40**

IPC 8 full level

B05C 1/08 (2006.01); **D21H 23/34** (2006.01); **D21H 23/40** (2006.01)

CPC (source: EP US)

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Cited by

EP1895051A1; DE19702605A1; EP0855464A3; US6613386B1; WO2008025479A3

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DOCDB simple family (publication)

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