

Title (en)
Curtain coater

Title (de)
Vorhangs-Auftragsvorrichtung

Title (fr)
Dispositif de revêtement par rideau

Publication
EP 1596004 B1 20140702 (DE)

Application
EP 05102931 A 20050414

Priority
DE 102004023575 A 20040513

Abstract (en)
[origin: EP1596004A1] An assembly applies a coating of paste or liquid to one or both sides of a web. During the start-up stop phases the curtain coating agent hopper (13) and fluid overflow trap (14) move with respect to each other at a speed of between 20 and 200 mm/s. the fibrous web advances at a speed of at least 300 m/min. The curtain against descends at a speed of at least 50 m/min. The relative speed of the of the coating agent (13) and overflow trap (14) is constant or variable. The overflow trap is inclined at least 10 to the horizontal.

IPC 8 full level
B05C 5/00 (2006.01); **D21H 23/48** (2006.01); **B05C 11/10** (2006.01); **B05D 1/30** (2006.01)

CPC (source: EP)
D21H 23/48 (2013.01)

Cited by
WO2012041676A1; WO2012052350A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1596004 A1 20051116; EP 1596004 B1 20140702; DE 102004023575 A1 20051215; JP 2005324193 A 20051124

DOCDB simple family (application)
EP 05102931 A 20050414; DE 102004023575 A 20040513; JP 2005139994 A 20050512