

Title (en)
Curtain coater

Title (de)
Vorhang-Auftragsvorrichtung

Title (fr)
Dispositif de revêtement par rideau

Publication
EP 1544353 B1 20120425 (DE)

Application
EP 04106592 A 20041215

Priority
DE 10359676 A 20031218

Abstract (en)
[origin: EP1544353A1] A curtain coating assembly (10) applies a coating of liquid or paste to one or both sides of a moving web of paper or carton. The liquid or paste is discharged from an overhead supply reservoir (18) to an intermediate holding reservoir (26). The holding reservoir discharges to a removable release unit (120). During the start-up process the removable release unit travels with the web from a first position to a second position while discharging.

IPC 8 full level
D21H 23/48 (2006.01); **B05D 1/30** (2006.01); **D21H 19/84** (2006.01)

CPC (source: EP US)
B05D 1/305 (2013.01 - EP US); **D21H 23/48** (2013.01 - EP US); **D21H 19/84** (2013.01 - EP US)

Cited by
AT15427U1; EP1728561A1

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 1544353 A1 20050622; EP 1544353 B1 20120425; AT E555251 T1 20120515; DE 10359676 A1 20050714; US 2005132956 A1 20050623; US 2008057208 A1 20080306; US 7669549 B2 20100302; US 7709059 B2 20100504

DOCDB simple family (application)
EP 04106592 A 20041215; AT 04106592 T 20041215; DE 10359676 A 20031218; US 1531004 A 20041217; US 93126207 A 20071031