

Title (en)

COATING MACHINE FOR UPGRADING SHEET MATERIAL

Title (de)

BESCHICHTUNGSMASCHINE ZUM VEREDELN VON BOGENMATERIAL

Title (fr)

MACHINE A ENDUIRE PERMETTANT DE FACONNER UN MATERIAU EN FEUILLES

Publication

EP 1117487 B1 20020717 (DE)

Application

EP 99950562 A 19990928

Priority

- DE 29818148 U 19981010
- EP 9907192 W 19990928

Abstract (en)

[origin: US6718908B1] A coating machine for applying a flowable coating substance to a sheet material to improve its surface. The coating machine has a series construction which lends itself to easy modification and versatile use. The coating machine includes, in a sheet conveyance direction, a first coating unit for applying a flowable substance to a front side of the sheet material, a sheet turning unit for reversing the position of the sheet, a first coating unit for applying a flowable substance to a reverse side of the sheet material, and sheet delivery unit. The coating units may have similar or identical constructions with interchangeable dosing systems.

IPC 1-7

B05C 1/08; **B05C 9/04**; **B41F 23/08**

IPC 8 full level

B41F 5/06 (2006.01); **B05C 1/02** (2006.01); **B05C 1/08** (2006.01); **B05C 9/04** (2006.01); **B05D 1/28** (2006.01); **B05D 7/00** (2006.01); **B41F 5/24** (2006.01); **B41F 23/08** (2006.01); **B41F 31/08** (2006.01); **B41F 31/26** (2006.01)

CPC (source: EP US)

B05C 1/0834 (2013.01 - EP US); **B05C 9/04** (2013.01 - EP US); **B41F 23/08** (2013.01 - EP US)

Cited by

DE102006033104A1; US7966932B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6718908 B1 20040413; AT E220574 T1 20020815; CA 2346680 A1 20000420; CA 2346680 C 20070109; CN 1102868 C 20030312; CN 1322154 A 20011114; CZ 20011207 A3 20020313; CZ 299323 B6 20080618; DE 29818148 U1 20000217; DE 59902069 D1 20020822; DK 1117487 T3 20021104; EP 1117487 A1 20010725; EP 1117487 B1 20020717; JP 2002527225 A 20020827; WO 0021683 A1 20000420

DOCDB simple family (application)

US 80728101 A 20010514; AT 99950562 T 19990928; CA 2346680 A 19990928; CN 99811936 A 19990928; CZ 20011207 A 19990928; DE 29818148 U 19981010; DE 59902069 T 19990928; DK 99950562 T 19990928; EP 9907192 W 19990928; EP 99950562 A 19990928; JP 2000575637 A 19990928