

Title (en)
REVERSE GRAVURE KISS COATING SYSTEM WITH OUTPUT ROLLER

Title (de)
BESCHICHTUNGSSYSTEM MIT EINER GEGENLÄUFIG ROTIERENDEN RASTERWALZE UND EINER GEGENWALZE

Title (fr)
SYSTEME DE COUCHAGE A GRAVURE PAR LECHAGE A INVERSION DOTE D'UN ROULEAU DE SORTIE

Publication
EP 0847308 B1 20000105 (EN)

Application
EP 96924550 A 19960717

Priority
• US 9611802 W 19960717
• US 52245995 A 19950831

Abstract (en)
[origin: WO9707899A1] A system of reverse gravure kiss coating of a fluid coating material (10) on a web (18) of material includes contacting a surface of the web with a gravure roller (14) while the web is unsupported on the rear surface (30). After the coating material is applied, the rear surface (30) is contacted with an output roller (32) downstream of the gravure roller (14). The output roller (32) can be driven and the web (18) wraps around the output roller (32). The tension at a portion of the web (18) that contacts the gravure roller (14) can be isolated from the tension at a portion of the web (18) that is upstream of the gravure roller (14) using a nip roller (34) to nip the web to the output roller (32) upstream of the gravure roller (14).

IPC 1-7
B05C 1/08; **B05C 1/06**

IPC 8 full level
B05C 1/06 (2006.01); **B05C 1/08** (2006.01); **B05C 1/12** (2006.01); **B05D 1/28** (2006.01)

CPC (source: EP KR)
B05C 1/06 (2013.01 - EP KR); **B05C 1/0808** (2013.01 - EP KR); **B05C 1/0826** (2013.01 - EP KR); **B05C 1/0839** (2013.01 - EP KR)

Cited by
CN103357536A; CN102974497A; US7625605B2; US8739727B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 9707899 A1 19970306; CA 2228566 A1 19970306; CN 1193928 A 19980923; DE 69606049 D1 20000210; DE 69606049 T2 20000803; EP 0847308 A1 19980617; EP 0847308 B1 20000105; JP H11511377 A 19991005; KR 19990043985 A 19990625

DOCDB simple family (application)
US 9611802 W 19960717; CA 2228566 A 19960717; CN 96196478 A 19960717; DE 69606049 T 19960717; EP 96924550 A 19960717; JP 51025097 A 19960717; KR 19980701216 A 19980219