

Title (en)

Process and apparatus for curtain-coating a moving substrate

Title (de)

Verfahren und Vorrichtung zur Vorhangbeschichtung eines bewegten Trägers

Title (fr)

Procédé et appareil pour le revêtement par rideau d'un support en mouvement

Publication

EP 0740197 B1 19990707 (DE)

Application

EP 95810277 A 19950426

Priority

EP 95810277 A 19950426

Abstract (en)

[origin: EP0841589A2] The method involves coating the moving supporting surface with liquid, particularly photographic emulsion. The solution is guided between side plates (2) above the pouring lip (4) so that its edges do not ride upwards over the plate surfaces under the effect of surface tension. An additional current can be delivered to each side of the curtain of material formed, the width of the latter being greater than that of the coating on the supporting surface. Each side current is fed in the transverse direction of the curtain and parallel to the plate front wall.

IPC 1-7

G03C 1/74; **B05C 5/00**

IPC 8 full level

B05C 5/00 (2006.01); **B05C 11/10** (2006.01); **B05D 1/30** (2006.01); **G03C 1/74** (2006.01)

CPC (source: EP)

B05C 5/008 (2013.01); **B05C 11/1039** (2013.01); **B05D 1/305** (2013.01); **G03C 1/74** (2013.01)

Cited by

DE102010042291A1; EP1239078A1; EP0858843A3; EP0858842A3; DE102006060954A1; EP0907103A1; US6048582A; WO03049871A1; US6887312B1; WO03049870A1; EP3006115A1; DE102014013996A1; EP1398084A1; US7160579B2

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EP 0841589 A2 19980513; **EP 0841589 A3 19980708**; **EP 0841589 B1 20010808**; DE 59506354 D1 19990812; EP 0740197 A1 19961030; EP 0740197 B1 19990707; EP 0841588 A2 19980513; EP 0841588 A3 19980708; EP 0841588 B1 20020710

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EP 98100165 A 19950426; DE 59506354 T 19950426; EP 95810277 A 19950426; EP 98100164 A 19950426