

Title (en)

Process and apparatus for coating sheet material.

Title (de)

Verfahren und Vorrichtung zur Beschichtung von Materialbahnen.

Title (fr)

Procédé et appareil de revêtement de matériaux en feuilles.

Publication

EP 0454382 B1 19941207 (EN)

Application

EP 91303546 A 19910419

Priority

GB 9009105 A 19900423

Abstract (en)

[origin: EP0454382A2] A process for coating sheet material (6) at high speed with a low viscosity low coat weight coating comprising the steps of forming, on an endless transfer surface (1), a fluid film of a coating mix to be applied to the sheet material whilst moving the endless transfer surface (1) on a convex path through a coating station, and in the second direction of movement of the transfer surface, and simultaneously passing the sheet material (6) to be coated around an endless guide surface (7) at said coating station, whilst maintaining the spacing between the transfer (1) and guide surfaces (7) at a spacing substantially equivalent to the combined thickness of the sheet material and the film of coating mix on the transfer surface (1). <IMAGE>

IPC 1-7

B05C 1/08; **B05D 1/34**

IPC 8 full level

B05C 1/08 (2006.01); **B05D 1/28** (2006.01); **D21H 21/54** (2006.01)

CPC (source: EP)

B05C 1/0821 (2013.01); **B05C 1/083** (2013.01); **D21H 21/54** (2013.01)

Citation (examination)

SOVIET INVENTIONS ILLUSTRATED week c37, 22 october 1980noh9799 derwent publications ltd,london gb &SU-A-712139(LENG D ABRASIVE)
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Cited by

ES2154977A1; US5597612A; ITUB20155948A1; WO9402258A1

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DOCDB simple family (publication)

EP 0454382 A2 19911030; **EP 0454382 A3 19920115**; **EP 0454382 B1 19941207**; CA 2041035 A1 19911024; DE 69105604 D1 19950119; DE 69105604 T2 19950413; ES 2066353 T3 19950301; FI 106538 B 20010228; FI 911909 A0 19910419; FI 911909 A 19911024; GB 9009105 D0 19900620; JP H04227884 A 19920817

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