

Title (en)

CURTAIN COATING METHOD AND APPARATUS.

Title (de)

VORHANGSBESCHICHTUNG, VERFAHREN UND APPARAT.

Title (fr)

PROCEDE ET APPAREIL DE COUCHAGE AU RIDEAU.

Publication

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Application

EP 89908604 A 19890718

Priority

- US 8802458 W 19880720
- US 8903113 W 19890718

Abstract (en)

[origin: WO9001179A1] Method and apparatus for curtain coating one or a plurality of superposed layers of photographic liquids onto a moving support (20) with the width of the curtain being greater than the width of the coating to be applied to the support (20). A margin of the free-falling curtain (18) is intercepted and diverted just above where the curtain impinges on the support (20), by a curtain-severing device (40). The curtain-severing device has a blade disposed in a plane parallel to a plane tangential to the coating roller (22) at said impingement location so as to provide an uncoated margin (48) on the support (20). The blade (42) of curtain-severing device (40) interrupts the edge portion of the falling curtain (18). Purging liquid is projected onto blade (42). The blade diverges laterally from the support in the direction of travel of the support (20) to divert the purging liquid and the curtain fluids away from the support (20) into a catch basin (28).

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IPC 8 full level

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CPC (source: EP KR)

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WO 9001179 A1 19900208; AT E114514 T1 19941215; AU 4032489 A 19900219; AU 626316 B2 19920730; BR 8907561 A 19910618; DE 68919699 D1 19950112; DE 68919699 T2 19950518; EP 0425562 A1 19910508; EP 0425562 B1 19941130; KR 900702413 A 19901207; KR 920004629 B1 19920612; WO 9000939 A1 19900208

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