

Title (en)
Curtain coating method.

Title (de)
Vorhangsbeschichtungsverfahren.

Title (fr)
Procédé de revêtement au rideau.

Publication
EP 0567071 A1 19931027 (EN)

Application
EP 93106385 A 19930420

Priority
JP 12665592 A 19920421

Abstract (en)
A coating method in which an auxiliary liquid, flowing onto upper surfaces of guide plates and having higher surface tension and lower viscosity than a coating film, is joined with both edges of a coating film which flows on a slide surface of a die to be supported by the guide plates. The coating film free falling from the slide surface along edge guides collides with a running web so as to coat the web with the coating film, wherein the auxiliary liquid is poured from a position on a distance of not more than 10 mm from a boundary line between the guide plates and the edge guides in a side of the guide plates. <IMAGE>

IPC 1-7
B05D 1/30; **G03C 1/74**

IPC 8 full level
B05C 5/00 (2006.01); **B05D 1/30** (2006.01); **G03C 1/74** (2006.01); **B05C 9/06** (2006.01)

CPC (source: EP)
B05C 5/008 (2013.01); **B05D 1/305** (2013.01); **G03C 1/74** (2013.01); **B05C 9/06** (2013.01)

Citation (search report)
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• [X] US 4830887 A 19890516 - REITER THOMAS C [US]
• [X] EP 0115621 A2 19840815 - AGFA GEVAERT AG [DE]
• [A] EP 0327020 A2 19890809 - FUJI PHOTO FILM CO LTD [JP]
• [A] EP 0051238 A2 19820512 - AGFA GEVAERT AG [DE]
• [A] PATENT ABSTRACTS OF JAPAN vol. 13, no. 111 (C-577)16 March 1989 & JP-A-63 287 575 (FUJI PHOTO FILM CO. LTD) 24 November 1988
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