

Title (en)

PRINTING AND COATING PROCESSES EMPLOYING PIGMENTED WATER BASED FOAMED COMPOSITIONS

Publication

EP 0089616 B1 19880608 (EN)

Application

EP 83102605 A 19830316

Priority

- US 36061582 A 19820322
- US 41923382 A 19820917

Abstract (en)

[origin: EP0089616A2] A printing process employing a water-based foamable ink composition comprising the following steps: a) foaming the ink composition, b) applying a coating of the foamed ink composition to the surface of a gravure cylinder which has an array of open cells spaced on the surface thereof, c) doctoring the surface of the cylinder to convert said coating into discrete thin membranes spanning said cells, and d) transferring the membranes to a web surface, either directly, or indirectly via one or more intermediate transfer rolls.

IPC 1-7

B41M 1/10; **B05D 1/40**; **B05C 1/08**

IPC 8 full level

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CPC (source: EP)

B05D 1/28 (2013.01); **B05D 1/40** (2013.01); **B41M 1/10** (2013.01)

Citation (examination)

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Cited by

EP2231407A4; GB2294891A; US8540337B2; WO2010018302A1; WO2013063084A1; EP0214574B1

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