

Title (en)

Guiding devices and methods for contactless guiding of a web in a web coating process

Title (de)

Leitvorrichtungen und Verfahren zur kontaktlosen Leitung eines Netzes in einem Netzbeschichtungsverfahren

Title (fr)

Dispositifs de guidage et procédé de guidage sans contact d'une toile dans un procédé de revêtement de toile

Publication

**EP 2243735 A1 20101027 (EN)**

Application

**EP 09158397 A 20090421**

Priority

EP 09158397 A 20090421

Abstract (en)

According to embodiments described herein, a guiding device for contactless guiding of a web (1) in a web coating process under vacuum conditions is provided. The guiding device (111) includes a curved surface (110) for facing the web (1) and a group of gas outlets (112) disposed in the curved surface (110) and adapted for giving off a gas flow to form a hover cushion between the curved surface (110) and the web (1). The guiding device further includes a gas distribution system for selectively providing the gas flow to a first subgroup of the gas outlets (240,242,244) and for preventing the gas from flowing to a second subgroup (114) of the gas outlets.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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