

Title (en)

Sheet-fed printing press and process for orienting magnetic flakes contained in an ink or varnish vehicle applied on a sheet-like substrate

Title (de)

Bogendruckmaschine und Verfahren zur Ausrichtung von Magnetspänen in einer Tinte oder einem Lackmedium zum Auftragen auf ein bogenähnliches Substrat

Title (fr)

Presse à imprimer sur feuilles et procédé pour orienter des flocons magnétiques contenus dans un véhicule d'encre ou de vernis appliqués sur un substrat de type feuille

Publication

EP 2845732 B1 20170322 (EN)

Application

EP 14193754 A 20100924

Priority

- EP 14193754 A 20100924
- EP 10179681 A 20100924

Abstract (en)

[origin: EP2433798A1] There is described a system and method for orienting magnetic flakes contained in an ink or varnish vehicle applied on a sheet-like or web-like substrate. The system comprises a processing unit (10*) with at least one magnetic-field-inducing device for orienting the magnetic flakes contained in the ink or varnish vehicle applied on the substrate, which processing unit (10*) is located along a path of the substrate in such a way that the substrate is brought into contact with or in close proximity to the processing unit (10*) and the at least one magnetic-field-inducing device. The system further comprises at least one drying or curing unit (60) disposed in the vicinity of the processing unit (10*) for drying or curing the ink or varnish vehicle to fix the orientation of the magnetic flakes contained therein while the substrate is still in contact with or in close proximity to the processing unit (10*) and the at least one magnetic-field-inducing device before the substrate is taken away from the at least one magnetic-field-inducing device.

IPC 8 full level

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Cited by

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