

Title (en)
FOIL GUIDING DEVICE, FOIL PRINTING MODULE OF A PRINTING PRESS, AND METHOD FOR CONTROLLING SHININESS OF FOIL PORTIONS TO BE PRINTED ON A SUBSTRATE

Title (de)
FOLIENFÜHRUNGSVORRICHTUNG, FOLIENDRUCKMODUL EINER DRUCKMASCHINE UND VERFAHREN ZUR STEUERUNG DES GLANZES VON AUF EIN SUBSTRAT ZU DRUCKENDEN FOLIENTEILEN

Title (fr)
DISPOSITIF DE GUIDAGE DE FEUILLES, MODULE D'IMPRESSION DE FEUILLES D'UNE PRESSE D'IMPRESSION ET PROCÉDÉ DE COMMANDE DE BRILLANCE DES PARTIES DE FEUILLES À IMPRIMER SUR UN SUBSTRAT

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Application
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Priority
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Abstract (en)
A foil printing module (50) has a printing area (23) that is configured to enable a printing process in which transfer portions of a foil (3) are transferred to a substrate (4) being provided with ultraviolet curable adhesive in a pattern to be printed. The printing area (23) accommodates a pair of pressing cylinders (27, 28) for pressing together the foil (3) and the substrate (4) in a nip between them so as to form a substrate foil assembly (5), and further accommodates an ultraviolet light source (51) arranged at a downstream side of the nip for the purpose of curing the adhesive. The foil printing module (50) is equipped with a foil guiding device (60) for setting the time that the substrate foil assembly (5) is under the influence of the ultraviolet light source (51) and thereby determining the shininess of printed foil portions on a substrate (4).

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Citation (applicant)
• EP 2340936 A1 20110706 - HEIJDEN VINCENTIUS JOHANNES MARIA V D [NL]
• CN 203528069 U 20140409 - GUANGDONG MAGNOLIA PACKING MACHINERY CO LTD

Citation (search report)
• [XYI] US 2012152444 A1 20120621 - WEBER ALEXANDER [DE]
• [YD] EP 2340936 A1 20110706 - HEIJDEN VINCENTIUS JOHANNES MARIA V D [NL]
• [A] WO 2008084191 A1 20080717 - OFT TECHNOLOGY LTD [GB], et al
• [A] WO 2013083455 A2 20130613 - MANROLAND SHEETFEED GMBH [DE]

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