Title (en)
   Securing of a printed image using a laser beam

Title (de)
   Sicherung eines gedruckten Bilds mit HIlfe eines Laserstrahls

Title (fr)
   Sécurisation d'une image imprimée au moyen d'un faisceau laser

Publication
   EP 2147799 A1 20100127 (FR)

Application
   EP 08305411 A 20080721

Priority
   EP 08305411 A 20080721

Abstract (en)
   The method involves arranging a diffractive lens (55) on a path of a laser beam (52). The lens is arranged in upstream or downstream of a focusing device (56) in a manner to modify a shape of the laser beam and to print pixels (61) having specific shape on a printable medium (10). The lens is placed in upstream of the focusing device by driving the lens in rotation at a predetermined speed during printing in a manner to print the pixels.

Abstract (fr)
   La présente invention concerne la sécurisation d'une image imprimée au moyen d'un faisceau laser (52). Pour cela, une lentille (55) est disposée sur le chemin du faisceau laser (52), en amont ou en aval d'un dispositif de focalisation (56), de manière à déformer le faisceau laser et à conférer aux pixels imprimés (61) résultants une forme spécifique.

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CPC (source: EP)
   B41J 2/465 (2013.01); **B41M 3/14** (2013.01); **B41M 5/26** (2013.01)

Citation (applicant)
   EP 1747897 A1 20070131 - MUEHLBAUER AG [DE]

Citation (search report)
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   • [XY] US 5767483 A 19980616 - CAMERON ALLAN [GB], et al
   • [Y] US 2003063390 A1 20030403 - BROWN DANIEL [US]
   • [A] US 2004263986 A1 20041230 - BROWN DANIEL M [US]
   • [A] EP 1319520 A2 20030618 - XEROX CORP [US]
   • [A] JP S63303746 A 19881212 - NIKON CORP

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Designated extension state (EPC)
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DOCDB simple family (application)
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