

Title (en)
METHOD AND APPARATUS FOR MARKING A PRODUCT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR MARKIERUNG EINES PRODUKTS

Title (fr)
PROCÉDÉ ET APPAREIL DE MARQUAGE D'UN PRODUIT

Publication
EP 2739785 A4 20150225 (EN)

Application
EP 12820375 A 20120803

Priority
• FI 20115781 A 20110803
• FI 2012050765 W 20120803

Abstract (en)
[origin: WO2013017738A1] A method for producing markings (MRK1, MRK2) on a web (WEB1) comprises forming a first altered portion (DOT1) of the web (WEB1) by directing a laser beam (LB2) to the web (WEB1) so as to locally reduce the 5 fluorescence yield of the web (WEB1) at the location of the first altered portion (DOT1), wherein the web (WEB1) comprises cellulose fibers and a fluorescent substance, and wherein the visual contrast between the first altered portion (DOT1) and a reference portion (REF1) is smaller than or equal to 5% when the web (WEB1) is illuminated by substantially white 10 visible light (VIS0), which does not contain ultraviolet light (UV0).

IPC 8 full level
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Citation (search report)
• No further relevant documents disclosed
• See references of WO 2013017738A1

Cited by
EP3875285A1; CN112512812A; EP3829872A4; WO2020027827A1; US11281946B2; US11410005B2

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