

Title (en)
METHOD AND APPARATUS FOR OPTIMALLY LASER MARKING ARTICLES

Title (de)
VERFAHREN UND VORRICHTUNG ZUR OPTIMALEN LASERMARKIERUNG VON ARTIKELN

Title (fr)
PROCÉDÉ ET APPAREIL POUR LE MARQUAGE LASER OPTIMAL D'OBJETS

Publication
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Application
EP 11875962 A 20111117

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Abstract (en)
[origin: WO2013074105A1] The present invention relates to laser marking articles. In particular it relates to laser marking articles by laser ablating a coating applied to the article which reveals the surface of the article underneath, thereby forming the mark by the contrasting appearance between the revealed surface of the article and the adjacent remaining coating. Laser parameters are selected to provide uniform, commercially desirable appearance and avoid damage to the underlying surface while maintaining acceptable system throughput. In particular the laser pulse envelope is tailored to provide desirable appearance while maintaining acceptable system throughput.

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Citation (search report)
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• [XI] JP 2006326618 A 20061207 - MITSUBISHI ELECTRIC CORP
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• [I] JP 2000202668 A 20000725 - NEC CORP
• [I] WO 2010111089 A2 20100930 - ELECTRO SCIENT IND INC [US], et al
• See references of WO 2013074105A1

Designated contracting state (EPC)
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