

Title (en)

LASER MARKABLE ARTICLES

Title (de)

LASERMARKIERBARE ARTIKEL

Title (fr)

ARTICLES POUVANT ÊTRE MARQUÉS AU LASER

Publication

EP 3909781 A1 20211117 (EN)

Application

EP 20174025 A 20200512

Priority

EP 20174025 A 20200512

Abstract (en)

A laser markable article comprising a laser markable coating provided on a support, the coating comprising a colour forming agent, a polymeric matrix and an optional optothermal converting agent, characterized in that the Glass Transition Temperature (Tg) of the coating is 15°C or higher.

IPC 8 full level

B41M 5/26 (2006.01); **B41M 5/30** (2006.01); **B41M 5/323** (2006.01); **B41M 5/333** (2006.01)

CPC (source: EP)

B41M 5/26 (2013.01); **B41M 5/267** (2013.01); **B41M 5/30** (2013.01); **B41M 5/323** (2013.01); **B41M 5/3333** (2013.01)

Citation (applicant)

- EP 3297837 A1 20180328 - AGFA GEVAERT [BE]
- EP 3470134 A1 20190417 - AGFA NV [BE], et al
- EP 3470135 A1 20190417 - AGFA NV [BE], et al
- EP 3626471 A1 20200325 - AGFA NV [BE], et al
- EP 3626472 A1 20200325 - AGFA NV [BE], et al
- WO 2008075101 A2 20080626 - SILTECH LTD [GB], et al
- WO 02074548 A2 20020926 - SHERWOOD TECHNOLOGY LTD [GB], et al
- WO 2007012578 A1 20070201 - CIBA SC HOLDING AG [CH], et al
- WO 2013014436 A1 20130131 - DATALASE LTD [GB], et al
- WO 2013068729 A1 20130516 - DATALASE LTD [GB]
- WO 2015165854 A1 20151105 - AGFA GEVAERT [BE]
- EP 3173249 A1 20170531 - AGFA-GEVAERT [BE]
- WO 2015091688 A1 20150625 - AGFA GEVAERT [BE]
- WO 2014057018 A1 20140417 - AGFA GEVAERT [BE]
- WO 2016184881 A1 20161124 - AGFA-GEVAERT [BE]
- WO 2005068207 A1 20050728 - SHERWOOD TECHNOLOGY LTG [GB], et al
- WO 2007141522 A1 20071213 - DATALASE LTD [GB], et al
- WO 2009059900 A2 20090514 - CIBA HOLDING INC [CH], et al
- WO 2015015200 A1 20150205 - DATALASE LTD [GB]
- EP 3297838 A1 20180328 - AGFA GEVAERT [BE]
- EP 2722367 A1 20140423 - AGFA GEVAERT [BE]
- WO 2019007833 A1 20190110 - AGFA NV [BE], et al
- EP 1911814 A1 20080416 - AGFA GRAPHICS NV [BE]
- GB 811066 A 19590325 - ICI LTD
- EP 2719540 A1 20140416 - AGFA GEVAERT [BE]
- EP 2719541 A1 20140416 - AGFA GEVAERT [BE]
- WO 2015091782 A1 20150625 - AGFA GEVAERT [BE]
- WO 2012044400 A1 20120405 - VARDEX LASER SOLUTIONS LLC [US], et al
- "Industrial Photoinitiators, A Technical Guide", 2010, CRC PRESS
- CRIVELLO, J.V. ET AL.: "Photoinitiators for Free Radical Cationic & Anionic Photopolymerization", vol. III, 1998, JOHN WILEY AND SONS LTD, pages: 287 - 294

Citation (search report)

- [X] WO 2007143242 A1 20071213 - HEWLETT PACKARD DEVELOPMENT CO [US], et al
- [A] JP 2002254815 A 20020911 - RICOH KK
- [A] EP 1208995 A2 20020529 - RICOH KK [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3909781 A1 20211117

DOCDB simple family (application)

EP 20174025 A 20200512