

Title (en)
MARKING COMPOSITION

Title (de)
MARKIERUNGSZUSAMMENSETZUNG

Title (fr)
COMPOSITION DE MARQUAGE

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Abstract (en)
[origin: CA2898955A1] The invention relates to a marking composition, by means of which better protection of goods than hitherto available can be achieved independently of the coloring of the goods. The marking composition comprises an infrared-absorbing particulate component and a carbon derivative, wherein the weight ratio of infrared-absorbing component to carbon derivative is in the range of approx. 10 : 1 to approx. 10,000 : 1.

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Citation (examination)
• JP 2009155570 A 20090716 - MITSUBISHI RAYON CO
• US 2005156318 A1 20050721 - DOUGLAS JOEL S [US]
• WO 2012068177 A1 20120524 - VORBECK MATERIALS CORP [US], et al
• DE 19653423 A1 19980625 - GIESECKE & DEVRIENT GMBH [DE]
• See also references of WO 2014114690A1

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DE 102013100662 A1 20140724; **DE 102013100662 B4 20180920**; AU 2014209945 A1 20150813; AU 2018201182 A1 20180308; AU 2018201182 B2 20190711; BR 112015017608 A2 20170822; CA 2898955 A1 20140731; CA 2898955 C 20210209; CN 105026168 A 20151104; CN 105026168 B 20190531; EP 2948316 A1 20151202; HK 1217009 A1 20161216; KR 20150113037 A 20151007; MX 2015009545 A 20160415; RU 2015135514 A 20170302; RU 2663402 C2 20180803; SG 11201505746Q A 20150929; US 10584259 B2 20200310; US 11421125 B2 20220823; US 2016137863 A1 20160519; US 2020291254 A1 20200917; WO 2014114690 A1 20140731

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