

Title (en)  
INK FOR PLASTIC SUBSTRATE

Title (de)  
TINTE FÜR EIN KUNSTSTOFFSUBSTRAT

Title (fr)  
ENCRE POUR SUPPORT PLASTIQUE

Publication  
**EP 2150410 A2 20100210 (FR)**

Application  
**EP 08758698 A 20080522**

Priority  

- EP 2008004099 W 20080522
- EP 07010461 A 20070525
- EP 08758698 A 20080522

Abstract (en)  
[origin: EP1995057A1] Printing ink for polyolefin polymer based support, comprises at least a binder and at least a pigment, where the binder is polyolefin wax oxidized and emulsified in water, and having a rate of acidity of 28-32 mg potassium hydroxide/g. Independent claims are included for: (1) a polyolefin polymer based support decorated using the ink, in which the ink is applied continuously or discontinuously on at least a face of the support; (2) a multi-layer product decorated using the ink, where the product comprises a support layer (1) containing polyolefin polymer and wearing layer (3), in which the ink is applied by continuous or discontinuous way on at least a face of the support layer and/or the wearing layer; and (3) a preparation of the multi-layer product comprising corona treatment of the face of the support layer and/or the wearing layer for printing, application of the ink on the face of the support layer and/or the wearing layer, drying the ink, installation of the wearing layer on the support layer, and assembly of the wearing layer to the support layer.

IPC 8 full level  
**B32B 27/32** (2006.01); **C09D 11/10** (2006.01); **E04F 15/02** (2006.01)

CPC (source: EP US)  
**B32B 27/32** (2013.01 - EP US); **B44C 1/10** (2013.01 - EP US); **C09D 11/108** (2013.01 - EP US); **Y10T 428/31587** (2015.04 - EP US); **Y10T 428/31801** (2015.04 - EP US)

Citation (search report)  
See references of WO 2008145299A2

Citation (examination)  
SU 755824 A1 19800815 - KI SP VIDAM PECHATI VNII KOMPL [SU] & DATABASE WPI Week 198117, Derwent World Patents Index; AN 1981-30245D

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RS

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**EP 1995057 A1 20081126**; CA 2687897 A1 20081204; CA 2687897 C 20151117; EP 2150410 A2 20100210; RU 2009143076 A 20110627; RU 2470969 C2 20121227; US 2010075152 A1 20100325; US 2013171455 A9 20130704; US 9657188 B2 20170523; WO 2008145299 A2 20081204; WO 2008145299 A3 20090205

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