

Title (en)

DIRECT LASER-ENGRAVEABLE PATTERNABLE ELEMENTS AND USES

Title (de)

DIREKTE LASERGRAVIERBARE STRUKTURIERBARE ELEMENTE UND VERWENDUNGEN

Title (fr)

ÉLÉMENTS POUVANT ÊTRE MIS SOUS FORME DE MOTIFS ET POUVANT ÊTRE GRAVÉS AU LASER DIRECTEMENT ET UTILISATIONS

Publication

EP 3055134 A1 20160817 (EN)

Application

EP 13780467 A 20131009

Priority

US 2013063969 W 20131009

Abstract (en)

[origin: WO2015053757A1] A laser-engravable patterable element can be used to provide a relief image for various types of printing including flexographic printing. This laser- engraveable patterable element has a one laser-engravable layer that comprises a thermoplastic elastomeric interpolymer alloy that comprises a non-crosslinked halogenated polymer, a partially crosslinked polyolefm, and a polyester. A relief image can be obtained by directly laser-engraving the noted element under suitable conditions.

IPC 8 full level

B41C 1/05 (2006.01); **B41N 1/12** (2006.01)

CPC (source: EP)

B41C 1/05 (2013.01); **B41N 1/12** (2013.01); **B41N 3/006** (2013.01)

Citation (search report)

See references of WO 2015053757A1

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)

WO 2015053757 A1 20150416; EP 3055134 A1 20160817

DOCDB simple family (application)

US 2013063969 W 20131009; EP 13780467 A 20131009