

Title (en)

Screen printing method for printing an object with a printed pattern

Title (de)

Siebdruckverfahren zum Bedrucken eines Gegenstandes mit einem Druckmotiv

Title (fr)

Procédé de sérigraphie destiné à l'impression d'un objet doté d'un motif d'impression

Publication

EP 2279865 A3 20120926 (DE)

Application

EP 10170620 A 20100723

Priority

DE 102009035257 A 20090729

Abstract (en)

[origin: EP2279865A2] The method involves providing an object (1) to be printed, where the object is provided with a curved surface (2). A compound layer is applied on a filter screen, and is dried. The filter screen is filled with a printing color (4) and/or paint (5) i.e. varnish. The printing color and/or paint are applied on the curved surface of the object with maximum height of 100 micrometers for generating a three-dimensional print motive (3). The printing color and/or paint are cured by irradiation with ultraviolet radiation.

IPC 8 full level

B41C 1/14 (2006.01); **B41M 1/12** (2006.01); **B41M 1/40** (2006.01); **B41M 3/16** (2006.01)

CPC (source: EP US)

B41C 1/148 (2013.01 - EP); **B41M 1/12** (2013.01 - EP); **B41M 1/40** (2013.01 - EP); **B41M 3/16** (2013.01 - EP US)

Citation (search report)

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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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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