

Title (en)

METHOD AND DEVICE FOR FORMING OBJECTS HAVING VARIABLE OPTICAL PROPERTIES AND OBJECT THUS OBTAINED

Title (de)

VERFAHREN UND VORRICHTUNG ZUM FORMEN VON GEGENSTÄNDEN MIT VARIABLEN, OPTISCHEN EIGENSCHAFTEN UND SO HERGESTELLTER GEGENSTAND

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FORMATION D'OBJETS À CARACTÉRISTIQUES OPTIQUES VARIABLES ET OBJET AINSI OBTENU

Publication

**EP 3111375 A1 20170104 (FR)**

Application

**EP 15707135 A 20150227**

Priority

- FR 1451620 A 20140228
- EP 2015054193 W 20150227

Abstract (en)

[origin: WO2015128489A1] The object (10) has: a first surface (14) at least one zone of which bears a first grating (13) configured to polarise light; and a second surface (16), separate from the first surface and not contained in the same plane as the first surface, at least one zone of which bears a second grating (15) configured to polarise light, at least one of said zones bearing a nanostructure having a periodic structure having a period between about one hundred and one thousand nanometres, which structure is produced by a laser beam, said nanostructure forming one of said gratings or decreasing the polarisation of one of said gratings. In embodiments: said nanostructure forms one of said gratings for polarising light; or said nanostructure decreases the polarisation of one of said gratings.

IPC 8 full level

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Citation (search report)

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