

Title (en)

METHOD AND DEVICE FOR MANUFACTURING A FRESNEL FREEFORM SURFACE SUPERPOSED ON A PLANAR OR CURVED AREA

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER FRESNELISIERTEN FREIFORMOBERFLÄCHE, DIE AUF EINE PLANARE ODER GEKRÜMMTE FLÄCHE SUPERPONIERT IST

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FABRICATION D'UNE SURFACE GAUCHE FRESNELLISÉE ET SUPERPOSÉE SUR UNE SURFACE PLANE OU INCURVÉE

Publication

**EP 3247519 A1 20171129 (DE)**

Application

**EP 16711961 A 20160108**

Priority

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Abstract (en)

[origin: WO2016116089A1] The invention relates to a method and a device for ultra-precision machining of a Fresnel lens describing a rotationally asymmetrical optical free-form surface superposed on a planar or curved area. In order to achieve said aim, the Fresnel lens is manufactured by having a diamond tool perform turning and planing operations.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2016116089A1

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