

Title (en)

DEVICE FOR EXAMINING AN OBJECT, PREFERABLY A DOCUMENT OF VALUE, BY USING OPTICAL RADIATION

Title (de)

VORRICHTUNG FÜR DIE UNTERSUCHUNG EINES GEGENSTANDS, VORZUGSWEISE EINES WERTDOKUMENTS, UNTER VERWENDUNG OPTISCHER STRALUNG

Title (fr)

DISPOSITIF DESTINÉ À L'ANALYSE D'UN OBJET, DE PRÉFÉRENCE D'UN DOCUMENT DE VALEUR, AU MOYEN D'UN RAYONNEMENT OPTIQUE

Publication

**EP 2513690 A1 20121024 (DE)**

Application

**EP 10795242 A 20101213**

Priority

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- EP 2010007581 W 20101213

Abstract (en)

[origin: WO2011082766A1] The invention relates to a device for examining an object, preferably a document of value, by using optical radiation, having an optical waveguide which has an anisotropic retro-reflector section, which is formed along a surface curved in a plane of curvature and which reflects radiation components specularly in a first plane of incidence parallel to the plane of curvature but retro-reflects radiation components orthogonally with respect to the first plane of incidence, so that at least a proportion of the optical radiation falling in a glancing manner on the retro-reflector section is at least partly guided on the convex side of the surface by means of reflection on the retro-reflector section.

IPC 8 full level

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See references of WO 2011082766A1

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