

Title (en)

DEVICE FOR OPTICALLY EXAMINING THE INTERIOR OF A TURBID MEDIUM

Title (de)

VORRICHTUNG ZUR OPTISCHEN UNTERSUCHUNG DES INNEREN EINES TRÜBEN MEDIUMS

Title (fr)

DISPOSITIF D EXAMEN OPTIQUE DE L INTÉRIEUR D UN MILIEU TROUBLE

Publication

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Application

**EP 09787339 A 20091001**

Priority

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Abstract (en)

[origin: WO2010038207A1] A device for optically examining the interior of a turbid medium is provided. The device comprises a light source (3) adapted to emit light for irradiating the turbid medium; a detector unit (4) adapted for detecting light emanating from the turbid medium; and a light guide adapted for guiding light emitted by the light source to the turbid medium. The light guide comprises a support (10; 100) comprising a support surface (20; 120) for supporting the turbid medium to be examined and for coupling the light emitted by the light source (3) through the support surface (20; 120) into the turbid medium. The device is structured such that light from the light source (3) exits through the support surface (20; 120) only at positions at which the support surface is contacted.

IPC 8 full level

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CPC (source: EP)

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