

Title (en)

CONTACT LENS FOR OBSERVING AND TREATING AN EYE WITH AN INCIDENT LIGHT BEAM

Title (de)

KONTAKTLINSE ZUR BEOBACHTUNG UND BEHANDLUNG EINES AUGES MIT EINEM EINFALLENDEN LICHTSTRAHL

Title (fr)

VERRE DE CONTACT POUR L'OBSERVATION ET LE TRAITEMENT D'UN OEIL PAR UN FAISCEAU LUMINEUX INCIDENT

Publication

EP 3451899 A1 20190313 (FR)

Application

EP 16725559 A 20160506

Priority

FR 2016051074 W 20160506

Abstract (en)

[origin: WO2017191375A1] The invention relates to a contact lens (10) for examining an eye under an incident light beam, comprising a main element having: a planar first entrance face (11) placed perpendicularly to said beam; at least one reflective face (13); and a spherical exit face (12) having a centre of curvature (C) and an axis of symmetry (bb') that is perpendicular to the entrance face (11) and that passes through the centre of curvature (C), said exit face (12) being intended to be applied to the eye and to focus said beam on a working point in the interior of the eye, the lens being characterized in that the main element comprises: a second entrance face (21) placed facing the spherical exit face, along the axis of symmetry (bb'); and a central void (20) extending from said planar first entrance face (11) to said second entrance face (21).

IPC 8 full level

A61B 3/117 (2006.01); **A61B 3/125** (2006.01)

CPC (source: EP US)

A61B 3/117 (2013.01 - EP US); **A61B 3/125** (2013.01 - EP US); **A61N 5/06** (2013.01 - US); **A61N 2005/0648** (2013.01 - US)

Citation (search report)

See references of WO 2017191375A1

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Designated extension state (EPC)

BA ME

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