

Title (en)

SUPPORT ELEMENT FOR COMPENSATING FOR DEFORMATIONS OF THE CORNEA OF AN EYE

Title (de)

STÜTZELEMENT ZUM AUSGLEICH VON VERFORMUNGEN DER HORNHAUT EINES AUGES

Title (fr)

ÉLÉMENT DE SOUTIEN EN VUE DE LA COMPENSATION DES DÉFORMATIONS DE LA CORNÉE DE L'OEIL

Publication

**EP 2004093 A1 20081224 (DE)**

Application

**EP 07727535 A 20070329**

Priority

- EP 2007053063 W 20070329
- DE 102006015172 A 20060330

Abstract (en)

[origin: WO2007113225A1] The invention relates to a support element for compensating for deformations of the cornea (H) of an eye, with a one-part or multi-part annular support body (2) with which it is possible to compensate for keratoconus with minimal loading of the cornea of the treated eye. According to the invention, this is achieved by the fact that the support body (2) has a cross section that is flattened on one side and is otherwise rounded, such that a peripheral flattening (6) is formed on it.

IPC 8 full level

**A61F 2/14** (2006.01)

CPC (source: EP KR US)

**A61F 2/14** (2013.01 - KR); **A61F 2/147** (2013.01 - EP US)

Citation (search report)

See references of WO 2007113225A1

Citation (examination)

WO 2007104068 A1 20070920 - DAXER ALBERT [AT]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007113225 A1 20071011**; EP 2004093 A1 20081224; KR 20090052834 A 20090526; US 2010286770 A1 20101111

DOCDB simple family (application)

**EP 2007053063 W 20070329**; EP 07727535 A 20070329; KR 20087026719 A 20081030; US 29549407 A 20070329