

Title (en)

DEVICE FOR FOLDING AN INTRAOCULAR LENS AND SYSTEM FOR STORING AN INTRAOCULAR LENS

Title (de)

VORRICHTUNG ZUM FALTEN EINER INTRAOKULARLINSE SOWIE AUFBEWAHRUNGSSYSTEM FÜR EINE INTRAOKULARLINSE

Title (fr)

DISPOSITIF DE PLIAGE D'UNE LENTILLE INTRA-OCULAIRE ET SYSTEME DE CONSERVATION D'UNE LENTILLE INTRA-OCULAIRE

Publication

EP 1434541 A2 20040707 (DE)

Application

EP 02782893 A 20021011

Priority

- DE 20116676 U 20011012
- DE 10164420 A 20011229
- EP 0211434 W 20021011

Abstract (en)

[origin: WO03044946A2] The device forms part of an injection system for injecting a foldable intraocular lens (56) into a human eye. The device comprises a folding area (4) having two pivotable half-shells that are connected to one another, which can be moved from an initial open position to a closed final position. According to the invention, a film-like loop (14) is provided, said loop being fixed to the first half-shell (8a) by one fixing end (16) and being displaceably guided in the second half-shell (8b). In the initial open position, a locating area (22) for the IOL (56) is formed between the loop (14) and both half-shells (8a,8b). The half-shells (8a,8b) can be moved in the direction of their final position by pulling the displaceably guided loop (14). The arrangement of a loop (14) makes it possible to achieve safe and gentle folding of the IOL (56). The arrangement of the loop (14) also makes it possible to store the unfolded IOL (56) in the folding area (4).

IPC 1-7

A61F 2/16

IPC 8 full level

A61F 2/16 (2006.01)

CPC (source: EP US)

A61F 2/1678 (2013.01 - EP US); **A61F 2/1691** (2013.01 - EP US)

Citation (search report)

See references of WO 03044946A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03044946 A2 20030530; WO 03044946 A3 20031106; AU 2002347005 A1 20030610; AU 2002347005 A8 20030610; EP 1434541 A2 20040707; US 2004199174 A1 20041007

DOCDB simple family (application)

EP 0211434 W 20021011; AU 2002347005 A 20021011; EP 02782893 A 20021011; US 82325004 A 20040412