

Title (en)
FRICTION-REDUCING COATING

Title (de)
REIBUNGSREDUZIERENDE BESCHICHTUNG

Title (fr)
REVETEMENT DE REDUCTION DU FROTTEMENT

Publication
EP 1906880 A2 20080409 (EN)

Application
EP 06824305 A 20060621

Priority
• NL 2006050142 W 20060621
• NL 1029301 A 20050621

Abstract (en)
[origin: WO2007030009A2] Assembly comprising an insertion device and an IOL. One of these or both is/are provided with a friction-reducing coating. This coating comprises parylene material. This is applied as a coating to the product concerned, as a result of which IOL can be moved more easily into the eye through the insertion device. Because the parylene material provides complete sealing it is possible, when it is applied to the IOL, to make the choice of the material for the IOL such that it is no longer dependent solely on the biocompatible properties. Consequently it is possible to use a plastic which is not biocompatible. In another variant a very hydrophobic material is used. The invention also relates to a method for providing an IOL or insertion device (cartridge) with a parylene material.

IPC 8 full level
A61F 2/06 (2006.01)

CPC (source: EP)
A61F 2/1675 (2013.01); **A61F 2/1678** (2013.01)

Citation (search report)
See references of WO 2007030009A2

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 NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007030009 A2 20070315; WO 2007030009 A3 20080502; EP 1906880 A2 20080409; NL 1029301 C2 20061222

DOCDB simple family (application)
NL 2006050142 W 20060621; EP 06824305 A 20060621; NL 1029301 A 20050621