

Title (en)
MANUALLY ADJUSTABLE INTRAOCULAR FLOW REGULATION

Title (de)
MANUELL EINSTELLBARE INTRAOKULARE DURCHFLUSSREGELUNG

Title (fr)
RÉGULATION D'ÉCOULEMENT INTRAOCULAIRE À RÉGLAGE MANUEL

Publication
EP 3706653 A4 20210714 (EN)

Application
EP 17931672 A 20171108

Priority
US 2017060659 W 20171108

Abstract (en)
[origin: WO2019094004A1] An implanted intraocular shunt can be manually manipulated, without surgical intervention, to modify the flow resistance of the shunt, thereby providing relief from high intraocular pressure while avoiding hypotony. For example, through application of pressure along a surface of the eye, a portion of the shunt can be displaced or separated relative to the shunt, thereby decreasing a flow resistance of the shunt.

IPC 8 full level
A61B 17/34 (2006.01); **A61F 9/007** (2006.01); **A61M 5/168** (2006.01)

CPC (source: CN EP KR RU)
A61F 9/00781 (2013.01 - CN EP KR RU); **A61M 5/3286** (2013.01 - CN EP KR RU); **A61M 2205/0216** (2013.01 - CN EP KR);
A61M 2205/04 (2013.01 - CN EP KR); **A61M 2210/0612** (2013.01 - CN KR)

Citation (search report)

- [A] US 2004073156 A1 20040415 - BROWN J DAVID [US]
- See references of WO 2019094004A1

Cited by
US11166849B2; US11517477B2; US11865283B2; US11058581B2; US11166848B2; US11529258B2; US11291585B2; US11766355B2;
US11596550B2; US11737920B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2019094004 A1 20190516; AU 2017439185 A1 20200514; AU 2017439185 B2 20210513; AU 2021215139 A1 20210902;
BR 112020008969 A2 20201020; CA 3080713 A1 20190516; CN 111405875 A 20200710; CN 111405875 B 20210907;
CN 113558861 A 20211029; EP 3706653 A1 20200916; EP 3706653 A4 20210714; JP 2021151615 A 20210930; JP 2021502143 A 20210128;
JP 6909356 B2 20210728; KR 102295289 B1 20210830; KR 20200059305 A 20200528; KR 20210109644 A 20210906;
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CA 3080713 A 20171108; CN 201780096656 A 20171108; CN 202111023953 A 20171108; EP 17931672 A 20171108;
JP 2020524400 A 20171108; JP 2021110594 A 20210702; KR 20207013798 A 20171108; KR 20217026514 A 20171108;
RU 2020118290 A 20171108