

Title (en)  
APPARATUS AND METHOD FOR OCULAR TREATMENT

Title (de)  
GERÄT UND VERFAHREN FÜR DIE AUGENBEHANDLUNG

Title (fr)  
APPAREIL ET PROCEDE DE TRAITEMENT OCULAIRE

Publication  
**EP 1740255 A4 20090325 (EN)**

Application  
**EP 05742971 A 20050429**

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Abstract (en)  
[origin: WO2005107845A1] The invention provides tools, materials and related methods to surgically access the suprachoroidal space of an eye for the purpose of performing minimally invasive surgery or to deliver drugs to the eye. The invention provides a flexible microcannula device (11, 13) that may be placed into the suprachoroidal space (12, 14) through a small incision (12A) of the overlying tissues, maneuvered into the appropriate region of the space, and then activated to treat tissues adjacent to the distal tip of the device.

IPC 8 full level  
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Citation (search report)  
• [XY] WO 03045290 A1 20030605 - ISCIENCE CORP [US], et al  
• [PX] WO 2004093761 A1 20041104 - ISCIENCE SURGICAL CORP [US], et al  
• [Y] US 5660851 A 19970826 - DOMB ABRAHAM JACOB [IL]  
• See references of WO 2005107845A1

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DOCDB simple family (publication)  
**WO 2005107845 A1 20051117**; AU 2005240073 A1 20051117; BR PI0510380 A 20071106; CA 2564840 A1 20051117; CN 101052434 A 20071010; EP 1740255 A1 20070110; EP 1740255 A4 20090325; EP 2193821 A1 20100609; EP 2380622 A1 20111026; JP 2007535382 A 20071206; JP 2011092754 A 20110512; JP 2012030092 A 20120216; JP 4974884 B2 20120711; KR 20070036044 A 20070402; KR 20110139772 A 20111229; MX PA06012461 A 20070807; NO 20065484 L 20061128; ZA 200609409 B 20080730

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**US 2005014980 W 20050429**; AU 2005240073 A 20050429; BR PI0510380 A 20050429; CA 2564840 A 20050429; CN 200580021068 A 20050429; EP 05742971 A 20050429; EP 10156474 A 20050429; EP 11174013 A 20050429; JP 2007511045 A 20050429; JP 2010288442 A 20101224; JP 2011215552 A 20110929; KR 20067023819 A 20061114; KR 20117028298 A 20050429; MX PA06012461 A 20050429; NO 20065484 A 20061128; ZA 200609409 A 20050429