

Title (en)

STENTED TRABECULAR SHUNT AND METHODS THEREOF

Title (de)

TRABEKULARER STENT UND METHODEN ZUR VERWENDUNG

Title (fr)

DERIVATION TRABECULAIRE TUTEUREE ET PROCEDES DE DERIVATION

Publication

**EP 1292256 A1 20030319 (EN)**

Application

**EP 01946172 A 20010606**

Priority

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- US 59678100 A 20000619

Abstract (en)

[origin: WO0197727A1] A stented trabecular shunt (65) for transporting aqueous humor to bypassing diseased trabecular meshwork from an anterior chamber of an eye to an existing outflow pathway comprising an inlet section (62) and an outlet section (64), wherein the outlet section comprises a stenting element (68) that is expandable and adapted for stabilizing the outlet section within an existing outflow pathway. The stenting element may be made of a shape-memory Nitinol, the shape-memory Nitinol having a preshape and a shape transition temperature, wherein the shape-memory Nitinol expands to its preshape when the shape-memory Nitinol is heated by RF energy or an external heat source to above the shape transition temperature.

IPC 1-7

**A61F 9/007**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 0197727A1

Cited by

US11865283B2; US11517477B2; US11166849B2; US9987163B2; US11058581B2; US11166848B2; US11529258B2; US11291585B2; US11766355B2; US11737920B2; US9789000B2; US11596550B2; US11786402B2

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