

Title (en)

DEVICE FOR INJECTING FLUID INTO A WALL OF A BLOOD VESSEL

Title (de)

VORRICHTUNG ZUM JUGIZIEREN EINES FLUIDES IN DIE WAND EINES BLUTGEFÄSSES

Title (fr)

DISPOSITIF PERMETTANT D'INJECTER UN FLUIDE DANS LA PAROI D'UN VAISSEAU SANGUIN

Publication

EP 1051215 A4 20010404 (EN)

Application

EP 98903898 A 19980130

Priority

US 9801984 W 19980130

Abstract (en)

[origin: CA2318132A1] A method and device for injecting fluid into a treatment area are provided herein. One embodiment includes a balloon (16) catheter (14), the balloon having a plurality of injectors (20) extending outwardly. Fluid passageways (26) connect each injector with a fluid source (60). During use, the balloon is positioned in a vessel proximate the treatment area (54) and inflated to embed the injectors into the vessel wall. The fluid is thereby introduced into the fluid passageway (26), through the injectors (20), and into the treatment area (54). The second embodiment includes flexible tubes (64) having aforementioned injectors (20). The tubes (64) are mounted between a multi-lumen catheter (14) and a grommet. A wire (38) connected to the grommet is passed through a lumen (27) of the catheter (14). Once the device is positioned in a vessel, the wire is partially withdrawn. This forces the grommet to advance towards the catheter (14), which thereby forces the flexible tubes (64) to bow outwardly, embedding the injectors (10) into the vessel wall.

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IPC 8 full level

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IPC 8 main group level

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CPC (source: KR)

A61M 29/00 (2013.01)

Citation (search report)

- [X] EP 0753322 A2 19970115 - INTERVENTIONAL TECHNOLOGIES [US]
- [X] EP 0783898 A1 19970716 - INTERVENTIONAL TECHNOLOGIES [US]
- [A] US 5676978 A 19971014 - TEICHER BEVERLY A [US], et al
- [A] WO 9639955 A1 19961219 - DUBRUL WILL R [US], et al
- See references of WO 9938559A1

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DOCDB simple family (publication)

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