

Title (en)

RAPID EXCHANGE SHEATHLESS PREDILATATION ANGIOPLASTY AND STENT DEPLOYMENT CATHETER

Title (de)

SCHNELL AUSTAUSCHBARE, HÜLSENLOSE PRÄDILATATIONSANGIOPLASTIE UND STENTINFÜHRUNGSKATHETER

Title (fr)

CATHÉTER DE DÉPLOIEMENT D'ENDOPROTHÈSE ET D'ANGIOPLASTIE À PRÉDILATATION SANS GAINÉ ET À REMPLACEMENT RAPIDE

Publication

**EP 3416595 A1 20181226 (EN)**

Application

**EP 16730182 A 20160608**

Priority

- US 201615045833 A 20160217
- US 2016036301 W 20160608

Abstract (en)

[origin: WO2017142579A1] A coronary predilatation and stent deployment catheter assembly includes a single sheathless unitary catheter body having a proximal end and a distal end, a predilatation balloon located at the distal end of the body, and a stent inflation balloon located along the body a distance of between about 5 millimeters and about 15 millimeters proximally of the predilatation balloon. An expandable stent is disposed over the stent balloon. A predilatation balloon inflation connection is located proximally of the stent inflation balloon and in fluid communication with the predilatation balloon through a predilatation inflation lumen. A stent balloon inflation connection is located proximally of the stent inflation balloon and in fluid communication with the stent inflation balloon through a stent balloon inflation lumen. At least one radiopaque marker is disposed on the predilatation balloon and at least one radiopaque marker is disposed on the stent inflation balloon. A guidewire lumen extends through the body distal of the predilatation balloon inflation connection and extending through the body to the distal end of the body.

IPC 8 full level

**A61F 2/958** (2013.01)

CPC (source: EP)

**A61F 2/958** (2013.01); **A61M 25/104** (2013.01); **A61F 2/86** (2013.01); **A61F 2250/0098** (2013.01); **A61M 25/0032** (2013.01); **A61M 25/1011** (2013.01)

Citation (search report)

See references of WO 2017142579A1

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2017142579 A1 20170824**; CA 3014598 A1 20170824; EP 3416595 A1 20181226

DOCDB simple family (application)

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