

Title (en)

STENT DELIVERY DEVICES, SYSTEMS & METHODS

Title (de)

STENTABLAGEVORRICHTUNGEN, SYSTEME & VERFAHREN

Title (fr)

DISPOSITIFS, SYSTEMES & PROCEDES D'ACHEMINEMENT DE STENT

Publication

EP 2049050 A1 20090422 (EN)

Application

EP 06801006 A 20060808

Priority

US 2006030960 W 20060808

Abstract (en)

[origin: WO2008018869A1] The present invention relates to devices, systems and methods to maintain self- expanding stents in a compressed form during delivery and positioning at a treatment site. Such a device may comprise a cylindrically-shaped material with a plurality of slots which are spaced on said material to accept sections of a self-expanding stent wherein said material has a tensile strength that is sufficient to maintain said self-expanding stent in a compressed form when said accepted sections of said stent are positioned within said slots. it may comprise one or more tethers which can maintain a self-expanding stent in its compressed form when said self-expanding stent is disposed over the distal end of a catheter. The device may comprise a flexible sheath and one or more partially open channels which accept portions of a stent within them and can retain said stent in a compressed form during delivery to a treatment site.

IPC 8 full level

A61F 2/91 (2013.01); **A61F 2/915** (2013.01); **A61F 2/958** (2013.01); **A61F 2/95** (2013.01); **A61F 2/966** (2013.01)

CPC (source: EP)

A61F 2/91 (2013.01); **A61F 2/915** (2013.01); **A61F 2/958** (2013.01); **A61F 2002/91508** (2013.01); **A61F 2002/91525** (2013.01); **A61F 2002/91533** (2013.01); **A61F 2002/91558** (2013.01); **A61F 2002/91575** (2013.01); **A61F 2002/91583** (2013.01); **A61F 2002/9511** (2013.01); **A61F 2002/9583** (2013.01); **A61F 2002/9665** (2013.01); **A61F 2220/005** (2013.01); **A61F 2220/0058** (2013.01); **A61F 2230/0013** (2013.01); **A61F 2230/0054** (2013.01); **A61F 2250/0071** (2013.01)

Citation (search report)

See references of WO 2008018869A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2008018869 A1 20080214; EP 2049050 A1 20090422

DOCDB simple family (application)

US 2006030960 W 20060808; EP 06801006 A 20060808