

(19)



(11) Publication number:

SG 190336 A1

(43) Publication date:

28.06.2013

(51) Int. Cl:

A61B 17/221, A61F 2/90;

(12)

Patent Application

(21) Application number: **2013038518**

(71) Applicant:

**PHENOX GMBH LISE-MEITNER-ALLEE
31 44801 BOCHUM DE**

(22) Date of filing: **18.11.2011**

MONSTADT, HERMANN HAARSTR. 61

(30) Priority: **DE 10 2010 051 740.2 19.11.2010**

(72) Inventor:

**44797 BOCHUM (DE) DE
HANNES, RALF KUITHANSTR. 75 44137
DORTMUND (DE) DE
ASCHERFELD, JÖRG HOCHSTR. 58
45529 HATTINGEN (DE) DE**

(54) **Title:**

THROMBECTOMY DEVICE

(57) **Abstract:**

13 Thrombectomy Device Abstract The invention relates to a thrombectomy device having a substantially cylindrical stent structure (1) comprised of a plurality of meshes (3, 4) and also two connectors (5, 5') that are disposed at different meshes (3) at the proximal end of the stent structure (1). The device also has a guide wire (2), which comprises a coupling element (11) to which the connectors (5, 5') are coupled, 10 and a slit (7), which extends helically over the shell face (8) of the stent structure (1), and a tensioning clip (9) that spans the slit (7) at the proximal end.

Thrombectomy DeviceAbstract

5 The invention relates to a thrombectomy device having a substantially cylindrical stent structure (1) comprised of a plurality of meshes (3, 4) and also two connectors (5, 5') that are disposed at different meshes (3) at the proximal end of the stent structure (1). The device also has a guide wire (2), which comprises a coupling element (11) to which the connectors (5, 5') are coupled, and a slit (7), which extends helically over the shell face (8) of the stent structure (1), and a tensioning clip (9) that spans the slit (7) at the proximal end.

10

Fig. 1