

Title (en)
EMBOLECTOMY DEVICE

Title (de)
INSTRUMENT FÜR EMBOLEKTOMIE

Title (fr)
DISPOSITIF D'EMBOLECTOMIE

Publication
EP 2288300 A2 20110302 (EN)

Application
EP 09740999 A 20090830

Priority

- IL 2009000834 W 20090830
- US 9317308 P 20080829
- US 11936908 P 20081202

Abstract (en)
[origin: WO2010023671A2] It is one object of the present invention to provide a device for extracting a clot from a blood vessel in a non fragmented manner, comprising: 1. an endless wire coupled to a spring-like helical member having a plurality of loops; said loops are positioned at an angle A relatively to the main longitudinal axis of said blood vessel; and, are adapted to radially encircle at least a portion of the outer circumference of said clot; and, 2. a tubular mesh-like net for both enveloping said helical member and enclosing said clot therein; wherein at least a portion of said clot is contemporaneously confined within said loops and said mesh-like net, such that radial compression forces and longitudinal shearing forces are exerted on said clot and the tendency of said clot to fragment is mitigated.

IPC 8 full level
A61B 17/221 (2006.01)

CPC (source: EP)
A61B 17/221 (2013.01); **A61B 17/2202** (2013.01); **A61B 2017/22035** (2013.01); **A61B 2017/2217** (2013.01)

Citation (search report)
See references of WO 2010023671A2

Citation (examination)

- US 2006064114 A1 20060323 - OBITSU HIDESHI [JP], et al
- US 2008091223 A1 20080417 - POKORNEY JAMES L [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
WO 2010023671 A2 20100304; WO 2010023671 A3 20100610; WO 2010023671 A9 20100422; AT E534336 T1 20111215; EP 2288300 A2 20110302; EP 2301450 A1 20110330; EP 2301450 B1 20111123

DOCDB simple family (application)
IL 2009000834 W 20090830; AT 10191770 T 20090830; EP 09740999 A 20090830; EP 10191770 A 20090830