

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  
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**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

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