

Title (en)
INTRACORPOREAL GRASPING DEVICE

Title (de)
INTRAKORPORALE GREIFVORRICHTUNG

Title (fr)
DISPOSITIF INTRACORPOREL À PRÉHENSION

Publication
EP 2076181 A4 20121017 (EN)

Application
EP 06826681 A 20061026

Priority
US 2006041695 W 20061026

Abstract (en)
[origin: WO2008063156A2] An intracorporeal grasping device includes a tubular member for entering a lumen of a human body and the tube member having a distal end portion. An elongated core member is disposed with the interior cavity of the tubular member for rotational or slidably movement within the tubular member and the elongated core member having a proximal end portion and a distal end portion. The elongated core member comprises a uniform diameter tube having some flexibility at the proximal end portion and greater flexibility while along a longitudinal axis in a direction towards the distal end portion; and a grasping configuration is provided for capturing an object (e.g., clot or debris) therein and the assembly may have a proximal end secured to the distal end of the elongated core member. The configuration has an expanded and contracted configuration, and distal sections configured to grasp an object. The grasping configuration may be formed by at least one movable jaw attached to the distal end portion of the elongated core member and a length portion of the distal end portion of the tube member. The grasping configuration may include unitarily formed plurality of movable jaws attached to the distal end portion of the elongated core member. Further, the grasping configuration may be formed by a plurality of loop members attached to the distal end portion of the elongated core member. Further, the grasping configuration may be formed by at least one spiral member having a distal tip for penetrating an object to be removed from a human body lumen. The device has the spiral member provided at the distal end portion of the elongated core member. The grasping configuration can be formed by at least one web member for retaining an object to be removed from a human body lumen, the web member being provided at the distal end portion of the elongated core member.

IPC 8 full level
A61B 17/22 (2006.01)

CPC (source: EP)
A61B 17/221 (2013.01); **A61B 2017/2215** (2013.01)

Citation (search report)

- [XYI] FR 2580504 A1 19861024 - PIERONNE ALAIN [FR]
- [XI] US 4873978 A 19891017 - GINSBURG ROBERT [US]
- [Y] US 4222380 A 19800916 - TERAYAMA TOSHIKI
- See references of WO 2008063156A2

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)
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DOCDB simple family (publication)
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US 2006041695 W 20061026; AU 2006350952 A 20061026; CA 2666491 A 20061026; CN 200680056224 A 20061026; EP 06826681 A 20061026; JP 2009533289 A 20061026