

Title (en)
APPARATUS AND METHODS FOR TREATING STROKE AND CONTROLLING CEREBRAL FLOW CHARACTERISTICS

Title (de)
GERÄT UND VERFAHREN ZUR BEHANDLUNG VON SCHLAGANFALL UND ZUR KONTROLLE DER ZEREBRALFLUSS-EIGENSCHAFTEN

Title (fr)
APPAREIL ET PROCEDES DE TRAITEMENT D'UN ACCIDENT VASCULAIRE CEREBRAL ET DE CONTROLE DES CARACTERISTIQUES DU DEBIT SANGUIN CEREBRAL

Publication
EP 1425061 A4 20060607 (EN)

Application
EP 02773236 A 20020822

Priority

- US 0226784 W 20020822
- US 31426901 P 20010822
- US 97222501 A 20011004
- US 97223101 A 20011004
- US 97211201 A 20011004

Abstract (en)
[origin: WO03018085A2] Apparatus and methods for treatment of stroke are provided. In a preferred embodiment, the present invention disposes at least one catheter having a distal occlusive member in either the common carotid artery (CCA) or both the vertebral artery (VA) and the CCA on the hemisphere of the cerebral occlusion. Blood flow in the opposing carotid and/or vertebral arteries may be inhibited. Retrograde or antegrade flow may be provided through either catheter independently to effectively control cerebral flow characteristics. Under such controlled flow conditions, a thrombectomy device may be used to treat the occlusion, and any emboli generated are directed into the catheter(s).

IPC 1-7
A61M 29/00

IPC 8 full level
A61B 17/22 (2006.01); **A61M 25/00** (2006.01); **A61M 25/01** (2006.01); **A61B 17/12** (2006.01); **A61B 17/34** (2006.01); **A61F 2/958** (2013.01); **A61M 25/10** (2006.01)

CPC (source: EP)
A61B 17/12036 (2013.01); **A61B 17/12045** (2013.01); **A61B 17/12109** (2013.01); **A61B 17/12136** (2013.01); **A61B 17/12145** (2013.01); **A61B 17/12172** (2013.01); **A61B 17/22** (2013.01); **A61B 17/22031** (2013.01); **A61B 17/221** (2013.01); **A61B 17/3207** (2013.01); **A61B 17/12022** (2013.01); **A61B 17/22034** (2013.01); **A61B 17/2217** (2013.01); **A61B 17/3435** (2013.01); **A61M 25/1002** (2013.01); **A61M 25/09008** (2013.01); **A61M 25/09083** (2013.01); **A61M 25/09166** (2013.01); **A61M 25/1052** (2013.01)

Citation (search report)

- [X] WO 0076390 A2 20001221 - ARTERIA MEDICAL SCIENCE INC [US]
- [X] US 6206868 B1 20010327 - PARODI JUAN CARLOS [AR]
- [X] WO 9945835 A2 19990916 - ARTERIA MEDICAL SCIENCE INC [US], et al
- [A] EP 0330376 A2 19890830 - BARD INC C R [US]
- [A] US 6221042 B1 20010424 - ADAMS DANIEL O [US]
- [X] US 6022336 A 20000208 - ZADNO-AZIZI GHOLAM-REZA [US], et al
- [X] WO 0139673 A1 20010607 - BACCHUS VASCULAR INC [US]
- [X] US 5941869 A 19990824 - PATTERSON GREG R [US], et al
- [A] US 5910154 A 19990608 - TSUGITA ROSS S [US], et al
- [X] US 5011488 A 19910430 - GINSBURG ROBERT [US]
- [A] US 4706671 A 19871117 - WEINRIB HARRY P [US]
- [A] US 6066149 A 20000523 - SAMSON GENE [US], et al
- [A] US 6156046 A 20001205 - PASSAFARO JAMES D [US], et al
- See references of WO 03018085A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03018085 A2 20030306; WO 03018085 A3 20031113; AU 2009202365 A1 20090716; AU 2009202365 B2 20120503; CA 2458148 A1 20030306; CA 2458148 C 20100323; CA 2689644 A1 20030306; CA 2689644 C 20131126; EP 1425061 A2 20040609; EP 1425061 A4 20060607; EP 2286866 A2 20110223; EP 2286866 A3 20130403; EP 2286867 A2 20110223; EP 2286867 A3 20130403; EP 2305342 A2 20110406; EP 2305342 A3 20130403; JP 2005500138 A 20050106; JP 2009142677 A 20090702; JP 4313197 B2 20090812

DOCDB simple family (application)
US 0226784 W 20020822; AU 2009202365 A 20090612; CA 2458148 A 20020822; CA 2689644 A 20020822; EP 02773236 A 20020822; EP 10012035 A 20020822; EP 10012036 A 20020822; EP 10012362 A 20020822; JP 2003522599 A 20020822; JP 2009055526 A 20090309