

Title (en)
VASCULAR IMPLANT

Title (de)
GEFÄSSIMPLANTAT

Title (fr)
IMPLANT VASCULAIRE

Publication
EP 3911253 A4 20220309 (EN)

Application
EP 20741592 A 20200106

Priority
• US 201962794536 P 20190118
• US 2020012361 W 20200106

Abstract (en)
[origin: WO2020150023A1] An implant for inducing blood stagnation in an intracranial aneurysm including an outer expandable structure for contacting a neck or wall of the intracranial aneurysm and an inner absorbent textile structure positioned within the outer structure. The inner structure includes a plurality of yams formed from a plurality of filaments. The filaments of the yams having spaces therebetween to induce flow of blood between the filaments of the yam to transport blood along the yams, and the yams formed into a permeable structure to allow inflow of blood between the yams and through the implant, the implant becoming saturated with blood to cause stagnation of blood and blood clotting.

IPC 8 full level
A61B 17/12 (2006.01); **A61F 2/07** (2013.01); **A61F 2/82** (2013.01); **A61F 2/88** (2006.01)

CPC (source: EP)
A61B 17/12118 (2013.01); **A61B 17/1214** (2013.01); **A61B 17/1215** (2013.01); **A61B 17/12154** (2013.01); **A61B 17/12172** (2013.01); **A61B 17/12177** (2013.01); **B29D 23/18** (2013.01); **A61B 2017/00526** (2013.01); **A61B 2017/0053** (2013.01); **A61B 2017/00893** (2013.01); **A61B 2017/00898** (2013.01); **A61B 2017/00942** (2013.01); **A61B 2017/12054** (2013.01); **A61B 2090/0807** (2016.02); **A61B 2090/3966** (2016.02); **A61F 2002/823** (2013.01)

Citation (search report)
• [XII] US 2012283768 A1 20121108 - COX BRIAN J [US], et al
• [XII] US 2018125501 A1 20180510 - ABOYTES MARIA [US], et al
• [XII] US 2014058436 A1 20140227 - ROSENBLUTH ROBERT [US], et al
• [Y] US 2014330299 A1 20141106 - ROSENBLUTH ROBERT [US], et al
• [Y] US 2015272589 A1 20151001 - LORENZO JUAN [US]
• [Y] EP 3247285 A1 20171129 - NEUROGAMI MEDICAL INC [US]
• See references of WO 2020150023A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020150023 A1 20200723; EP 3911253 A1 20211124; EP 3911253 A4 20220309

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