

Title (en)
SHAPE MEMORY TUBULAR RETRACTOR AND SELF-EXPANDING GRAFT- COATED NITINOL TUBULAR RETRACTOR ARRANGEMENT

Title (de)
ROHRFÖRMIGER FORMGEDÄCHTNIS-RETRAKTOR UND SELBSTEXPANDIERBARE TRANSPLANTATBESCHICHTETE ROHRFÖRMIGE NITINOL-RETRAKTORANORDNUNG

Title (fr)
ÉCARTEUR TUBULAIRE À MÉMOIRE DE FORME ET AGENCEMENT D'ÉCARTEUR TUBULAIRE EN NITINOL REVÊTU D'UNE GREFFE À AUTO-EXPANSION

Publication
EP 3697319 A4 20211020 (EN)

Application
EP 18867818 A 20180927

Priority
• TR 201715994 A 20171017
• TR 2018000097 W 20180927

Abstract (en)
[origin: WO2019078791A2] The invention relates to a self-expanding graft-coated nitinol tubular retractor system providing maximum effect and advantages of millions of patients around the world, defined as Omniport Universale and having the potential of a wide application range in today's various surgical procedures. Correspondingly, the objects of the invention are defined as follows.

IPC 8 full level
A61B 17/00 (2006.01); **A61B 17/064** (2006.01); **A61B 17/12** (2006.01); **A61F 2/91** (2013.01); **A61M 25/09** (2006.01)

CPC (source: EP)
A61B 17/0218 (2013.01); **A61B 90/30** (2016.02); **A61B 2017/00862** (2013.01); **A61B 2017/00867** (2013.01); **A61B 2017/00942** (2013.01); **A61B 2017/0225** (2013.01); **A61B 2090/062** (2016.02); **A61B 2090/065** (2016.02); **A61B 2090/309** (2016.02)

Citation (search report)
• [X] US 2016310077 A1 20161027 - HUNTER WILLIAM L [CA], et al
• [X] US 2015320441 A1 20151112 - ALBRECHT JEREMEY J [US], et al
• [A] US 2012323217 A1 20121220 - ABRAHAMS JOHN M [US]
• [A] US 2016038087 A1 20160211 - HUNTER WILLIAM L [CA]
• See references of WO 2019078791A2

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

DOCDB simple family (publication)
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TR 201715994 A2 20171121

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TR 2018000097 W 20180927; EP 18867818 A 20180927; TR 201715994 A 20171017