

Title (en)
CLAMPING FORCEPS AND ASSOCIATED METHODS

Title (de)
SPANNZANGE UND ZUGEHÖRIGE VERFAHREN

Title (fr)
FORCEPS DE PINCEMENT ET PROCÉDÉS ASSOCIÉS

Publication
EP 2757980 A4 20150617 (EN)

Application
EP 12804815 A 20120625

Priority
• US 201161501198 P 20110625
• US 2012043940 W 20120625

Abstract (en)
[origin: WO2013003256A2] Exemplary embodiments of clamping forceps and associated methods are provided, generally including a head section including first and second clamp members configured and dimensioned to cooperatively clamp so as to at least partially encircle a tumor or other structure, an elongated body section in cooperation with respect to the head section, and a clamping mechanism at least partially movably mounted with respect to the elongated body section. Exemplary embodiments may include at least one of a control mechanism for variably controlling a clamping force, at least one sensor mounted with respect to at least one of the first clamp member and the second clamp member, means for fixing at least one of the first clamp member and the second clamp member relative to tissue, the first and second clamp members structured so as to define a variable perimeter extent, and a clamping mechanism which accommodates variable rates of clamping action.

IPC 8 full level
A61B 17/12 (2006.01); **A61B 17/28** (2006.01); **A61B 17/29** (2006.01); **A61B 1/313** (2006.01); **A61B 5/026** (2006.01); **A61B 17/04** (2006.01); **A61B 18/02** (2006.01); **A61B 18/14** (2006.01); **A61B 19/00** (2006.01); **A61N 7/02** (2006.01)

CPC (source: EP)
A61B 1/313 (2013.01); **A61B 5/026** (2013.01); **A61B 17/2804** (2013.01); **A61B 17/282** (2013.01); **A61B 17/29** (2013.01); **A61B 17/0482** (2013.01); **A61B 17/0487** (2013.01); **A61B 17/12009** (2013.01); **A61B 2017/00106** (2013.01); **A61B 2017/00398** (2013.01); **A61B 2017/00734** (2013.01); **A61B 2017/0488** (2013.01); **A61B 2017/0495** (2013.01); **A61B 2017/2808** (2013.01); **A61B 2017/2926** (2013.01); **A61B 2017/2945** (2013.01); **A61B 2018/0225** (2013.01); **A61B 2018/145** (2013.01); **A61B 2090/064** (2016.02); **A61N 7/022** (2013.01)

Citation (search report)
• [X] US 2011152895 A1 20110623 - NYULI COLIN [CA], et al
• [X] US 2007038115 A1 20070215 - QUIGLEY DAVID P [US], et al
• [X] US 2007049973 A1 20070301 - BURBANK FRED H [US], et al
• [A] US 2010137845 A1 20100603 - RAMSTEIN CHRISTOPHE [US], et al
• [A] US 2010256637 A1 20101007 - CONTIJOCH FRANCISCO [US], et al
• See references of WO 2013003256A2

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)
WO 2013003256 A2 20130103; **WO 2013003256 A3 20130411**; EP 2757980 A2 20140730; EP 2757980 A4 20150617

DOCDB simple family (application)
US 2012043940 W 20120625; EP 12804815 A 20120625