

Title (en)

ENDOSCOPIC SURGICAL BLADE AND USE THEREOF

Title (de)

ENDOSKOPISCHE CHIRURGISCHE KLINGE UND IHRE VERWENDUNG

Title (fr)

LAME CHIRURGICALE ENDOSCOPIQUE ET SON UTILISATION

Publication

**EP 2665430 A4 20161130 (EN)**

Application

**EP 11855905 A 20111213**

Priority

- US 201113006077 A 20110113
- US 2011064636 W 20111213

Abstract (en)

[origin: WO2012096746A1] An endoscopic surgical blade is disclosed. The blade is part of an endoscopic knife assembly which also has a knife tube and alignment ring. The endoscopic knife assembly is for use in endoscopic surgery by insertion of the assembly through a slotted cannula. The knife tube is hollow and allows the insertion of an endoscope for viewing of the surgical procedure. The blade has an upper and a lower cutting surface on the forward edge, which meet at an angle at a crotch.

IPC 8 full level

**A61B 17/3209** (2006.01); **A61B 17/32** (2006.01); **A61B 17/3211** (2006.01); **A61B 17/34** (2006.01)

CPC (source: EP)

**A61B 17/320036** (2013.01); **A61B 17/3421** (2013.01); **A61B 2017/00907** (2013.01); **A61B 2017/320052** (2013.01); **A61B 2017/347** (2013.01); **A61M 25/00** (2013.01); **A61M 25/0021** (2013.01); **A61M 25/01** (2013.01)

Citation (search report)

- [X] US 5968061 A 19991019 - MIRZA M ATHER [US]
- [X] US 2010228085 A1 20100909 - MIRZA ATHER [US], et al
- [X] US 5413580 A 19950509 - STEPHENSON DAVID V [US]
- [A] US 5649946 A 19970722 - BRAMLET DALE G [US]
- [A] US 5323765 A 19940628 - BROWN MICHAEL G [US]
- See references of WO 2012096746A1

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 2012096746 A1 20120719**; EP 2665430 A1 20131127; EP 2665430 A4 20161130

DOCDB simple family (application)

**US 2011064636 W 20111213**; EP 11855905 A 20111213