

Title (en)

ENDOSCOPE ASSEMBLY COMPRISING RETROGRADE VIEWING IMAGING DEVICE AND INSTRUMENT CHANNEL

Title (de)

ENDOSKOPANORDNUNG MIT EINER RETROGRADEN BILDGEBUNGSVORRICHTUNG UND INSTRUMENTENKANAL

Title (fr)

ENSEMBLE D'ENDOSCOPE ET PROCÉDÉ POUR RÉALISER UNE PROCÉDURE MÉDICALE

Publication

EP 2211683 A2 20100804 (EN)

Application

EP 08838489 A 20081014

Priority

- US 2008079878 W 20081014
- US 97936707 P 20071011

Abstract (en)

[origin: WO2009049322A2] An endoscope assembly includes (1) an endoscope that includes a tubular body, a retrograde-viewing imaging device disposed at a distal end region of the tubular body, and a channel extending through the tubular body; and (2) an instrument extending through the channel of the endoscope and exits from a distal opening of the channel.

IPC 8 full level

A61B 1/005 (2006.01); **A61B 1/018** (2006.01); **A61B 1/05** (2006.01); **A61B 1/273** (2006.01)

CPC (source: EP)

A61B 1/00096 (2013.01); **A61B 1/00179** (2013.01); **A61B 1/00181** (2013.01); **A61B 1/0051** (2013.01); **A61B 1/018** (2013.01); **A61B 1/053** (2013.01); **A61B 1/0625** (2022.02); **A61B 1/0676** (2013.01); **A61B 1/05** (2013.01); **A61B 1/2736** (2013.01)

Citation (search report)

See references of WO 2009049322A2

Cited by

US10271713B2; US9667935B2; US10205925B2; US9943218B2; US10105039B2; US10524645B2; US9706908B2; US10064541B2; US10412290B2; US10663714B2; US11234581B2; US10401611B2; US10542877B2; US11771310B2; US9907462B2; US9968242B2; US10376181B2; US10517464B2; US10779707B2; US11147469B2; US9949623B2; US10433715B2; US11229351B2; US10078207B2; US10488648B2; US10634900B2; US10908407B2; US11194151B2; US11529197B2; US10595714B2; US10993605B2; US11375885B2; US11672407B2; US10130246B2; US10292570B2; US10561308B2; US10898062B2; US10912454B2; US11082598B2; US11311181B2; US10123684B2; US10258222B2; US10516865B2; US10791308B2; US11229348B2; US11330238B2; US11750782B2; US11883004B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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