

Title (en)
MULTI-USE SCOPE

Title (de)
MEHRNUTZUNGSUMFANG

Title (fr)
SCOPE À USAGES MULTIPLES

Publication
EP 3727126 A4 20211006 (EN)

Application
EP 18890819 A 20181221

Priority
• US 201715853521 A 20171222
• US 2018067152 W 20181221

Abstract (en)
[origin: WO2019126676A1] An endoscope/triplescope (combined gastroscope, bronchoscope, laryngoscope) device and/or system includes an endoscope having an outer diameter of less than about 4.0 millimeters, in particular less than about 3.5 millimeters, that allows high resolution viewing having a distal element including an optical element that allows four way tip deflection. Further, the device may include a scope stiffening apparatus to minimize the endoscopes flexibility when needed, a foot and hand activation to allow air/water insufflation and image/video capture, a light source, an interior conduit having a diameter greater than about 2 mm, one or more sensor arrays, audio elements for transcription of report, sensors to measure body cavity findings.

IPC 8 full level
A61B 1/00 (2006.01); **A61B 1/015** (2006.01); **A61B 1/018** (2006.01); **A61B 1/07** (2006.01); **A61B 1/233** (2006.01); **A61B 10/06** (2006.01); **A61J 15/00** (2006.01)

CPC (source: EP US)
A61B 1/00042 (2022.02 - EP US); **A61B 1/00066** (2013.01 - EP); **A61B 1/00071** (2013.01 - EP); **A61B 1/00078** (2013.01 - EP); **A61B 1/015** (2013.01 - EP); **A61B 1/018** (2013.01 - EP); **A61B 1/233** (2013.01 - EP); **A61B 1/267** (2013.01 - EP US); **A61B 1/2736** (2013.01 - EP); **A61B 10/06** (2013.01 - EP)

Citation (search report)
• [XYI] WO 2016210322 A1 20161229 - UNIV COLORADO REGENTS [US], et al
• [Y] US 9179051 B1 20151103 - STOUT CLARA [US]
• [Y] EP 2416833 A2 20120215 - UNIV UTAH RES FOUND [US]
• [Y] US 6241657 B1 20010605 - CHEN DAVID T [US], et al

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 2019126676 A1 20190627; EP 3727126 A1 20201028; EP 3727126 A4 20211006; JP 2021506519 A 20210222

DOCDB simple family (application)
US 2018067152 W 20181221; EP 18890819 A 20181221; JP 2020534933 A 20181221