

Title (en)

ENDOSCOPE SYSTEM, METHOD OF USING THE SAME, ASSISTING TOOL AND ADAPTER

Title (de)

ENDOSKOPSYSTEM, ANWENDUNGSVERFAHREN DAFÜR; HILFSWERKZEUG UND ADAPTER

Title (fr)

SYSTÈME D'ENDOSCOPE, SON PROCÉDÉ D'UTILISATION, OUTIL D'ASSISTANCE ET ADAPTATEUR

Publication

EP 2339950 A1 20110706 (EN)

Application

EP 09811628 A 20090907

Priority

- JP 2009065975 W 20090907
- JP 2008229873 A 20080908
- JP 2008229874 A 20080908
- JP 2008244378 A 20080924
- JP 2008244379 A 20080924
- JP 2008244380 A 20080924
- JP 2008245405 A 20080925
- JP 2008245406 A 20080925

Abstract (en)

[origin: WO2010027109A1] An assisting tool (12) combined with a nasal endoscope (11) is provided. The assisting tool (12) has an insertion section (35) insertable through the other nostril as the endoscope (11). The assisting tool (12) has an attachment portion (36) attachable to a forceps inlet port (19) of the endoscope (11). The attachment portion (36) includes a forceps inlet port (42) and a bifurcated connecting channel for connecting the forceps inlet port (42) to both forceps channels in the assisting tool (12) and the endoscope (11). The insertion sections (16, 35) have fastening members (23, 24, 40, 41) to fasten these insertion sections together. The insertion sections (16, 35) are inserted through different nostrils and fastened together with the fastening members (23, 24, 40, 41), as their front faces are aligned in the area around the posterior nares, and then advanced together from the esophagus to the stomach.

IPC 8 full level

A61B 1/00 (2006.01)

CPC (source: EP KR)

A61B 1/00128 (2013.01 - EP KR); **A61B 1/0014** (2013.01 - EP KR); **A61B 1/012** (2013.01 - KR); **A61B 1/015** (2013.01 - EP); **A61B 1/018** (2013.01 - EP); **A61B 1/045** (2013.01 - KR); **A61B 1/0684** (2013.01 - KR); **A61B 1/233** (2013.01 - EP KR)

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

WO 2010027109 A1 20100311; CN 102149312 A 20110810; CN 102149312 B 20140108; EP 2339950 A1 20110706; EP 2339950 A4 20140226; KR 101644842 B1 20160812; KR 20110066137 A 20110616

DOCDB simple family (application)

JP 2009065975 W 20090907; CN 200980135135 A 20090907; EP 09811628 A 20090907; KR 20117005185 A 20090907