

Title (en)
ENDOSCOPE NAVIGATION SYSTEM WITH UPDATING ANATOMY MODEL

Title (de)
ENDOSKOPNAVIGATIONSSYSTEM MIT AKTUALISIERUNGSANATOMIEMODELL

Title (fr)
SYSTÈME DE NAVIGATION ENDOSCOPIQUE COMPORTANT UN MODÈLE ANATOMIQUE SE METTANT À JOUR

Publication
EP 4333682 A1 20240313 (EN)

Application
EP 22723779 A 20220502

Priority
• US 202163185186 P 20210506
• US 202217719007 A 20220412
• IB 2022054037 W 20220502

Abstract (en)
[origin: WO2022234431A1] An endoscope navigation system is provided that updates an anatomy model based on a live camera signal. As the endoscope advances within the patient, a camera signal, and corresponding position signal, of the endoscope, is provided and used to update the anatomy model based on identified divergences between the camera signal at a particular position and anatomy model.

IPC 8 full level
A61B 1/00 (2006.01); **A61B 34/10** (2016.01); **A61B 90/00** (2016.01)

CPC (source: EP)
A61B 1/00009 (2013.01); **A61B 1/00097** (2022.02); **A61B 2034/101** (2016.02); **A61B 2034/107** (2016.02); **A61B 2090/365** (2016.02)

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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