

Title (en)
MEDICAL NAVIGATION SYSTEM

Title (de)
MEDIZINISCHES NAVIGATIONSSYSTEM

Title (fr)
SYSTÈME DE NAVIGATION MÉDICAL

Publication
EP 2429440 A1 20120321 (DE)

Application
EP 10720147 A 20100507

Priority
• EP 2010056269 W 20100507
• DE 102009021025 A 20090513

Abstract (en)
[origin: WO2010130656A1] Medical navigation system (2) for the electromagnetic position and/or location determination of a sensor coil (8) present in a navigation area (10), comprising a plurality of navigation modules (4a.. c), each having at least one field coil (14) and a position coil (18a.. c), wherein the coils (14, 18a.. c) have a fixed and known spatial relation to each other, and wherein each navigation module (4a.. c) spans a navigation volume (12a.. c) and said navigation volumes (12a.. c) together form the navigation area (10), and wherein the individual navigation modules (4a.. c) are arranged such that the position coil (18a.. c) of a first navigation module (4a.. c) is located within the navigation volume (12a.. c) of at least one further navigation module (4a.. c) and at least the first and the further navigation module (4a.. c) are interconnected by a communication connection (20).

IPC 8 full level
A61B 19/00 (2006.01)

CPC (source: EP US)
A61B 34/20 (2016.02 - EP US); **A61B 2034/2051** (2016.02 - EP US); **A61B 2034/2072** (2016.02 - EP US)

Citation (search report)
See references of WO 2010130656A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010130656 A1 20101118; DE 102009021025 A1 20101125; EP 2429440 A1 20120321; US 2012053453 A1 20120301

DOCDB simple family (application)
EP 2010056269 W 20100507; DE 102009021025 A 20090513; EP 10720147 A 20100507; US 201013319292 A 20100507