

Title (en)
NUCLEAR MAGNETIC RESONANCE SPECTROMETER ASSEMBLY

Title (de)
NUKLEARMAGNETRESONANZ-SPEKTROMETERANORDNUNG

Title (fr)
SPECTROMETRE PAR RESONANCE MAGNETIQUE NUCLEAIRE

Publication
EP 1534386 A4 20060315 (EN)

Application
EP 03731541 A 20030604

Priority
• US 0317610 W 20030604
• US 16231802 A 20020604

Abstract (en)
[origin: WO03101534A1] An implantable nuclear magnetic resonance spectrometer comprised of a first input lead and a second output lead, wherein each of said first input lead and said second output lead comprise a photonic lead (585).

IPC 8 full level
A61B 5/00 (2006.01); **A61B 5/042** (2006.01); **A61B 5/055** (2006.01); **A61N 1/18** (2006.01); **A61N 1/37** (2006.01); **G01R 33/28** (2006.01); **A61B 5/0215** (2006.01); **G01R 33/34** (2006.01)

CPC (source: EP)
A61B 5/055 (2013.01); **A61B 5/14546** (2013.01); **A61B 5/7203** (2013.01); **A61N 1/37** (2013.01); **G01R 33/285** (2013.01); **A61B 5/0215** (2013.01); **A61B 5/14532** (2013.01); **A61B 5/1459** (2013.01); **A61B 2562/02** (2013.01); **A61B 2562/0233** (2013.01); **A61B 2562/046** (2013.01); **A61B 2562/222** (2013.01); **A61B 2562/223** (2013.01); **A61N 1/3718** (2013.01)

Citation (search report)
• [YD] US 2001029331 A1 20011011 - GINGGEN ALEC [CH], et al
• [Y] US 5730134 A 19980324 - DUMOULIN CHARLES LUCIAN [US], et al
• [A] US 5739936 A 19980414 - YAKYMYSHYN CHRISTOPHER PAUL [US], et al
• [A] DE 19640463 A1 19971030 - SIEMENS AG [DE]
• [AD] US 6343227 B1 20020129 - CROWLEY ROBERT J [US]
• See references of WO 03101534A1

Cited by
CN109379876A; WO2020051676A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 03101534 A1 20031211; AU 2003240529 A1 20031219; EP 1534386 A1 20050601; EP 1534386 A4 20060315

DOCDB simple family (application)
US 0317610 W 20030604; AU 2003240529 A 20030604; EP 03731541 A 20030604