

Title (en)

METHOD AND APPARATUS FOR PARALLEL DATA ACQUISITION FROM A MRI COIL ARRAY

Title (de)

VERFAHREN UND ANLAGE ZUR PARALLELEN DATENERFASSUNG AUS EINE MRI SPULENANORDNUNG

Title (fr)

PROCEDE ET APPAREIL D'ACQUISITION DE DONNEES EN PARALLELE A PARTIR D'UN RESEAU

Publication

**EP 1188072 A1 20020320 (EN)**

Application

**EP 00937692 A 20000523**

Priority

- US 0014171 W 20000523
- US 13564599 P 19990524

Abstract (en)

[origin: WO0072050A1] Magnetic resonance data is acquired in parallel by an array of separate RF coils (2, 4, 6) arranged circumferentially around the imaging subject. The apparatus and method operate on the basis of determining an estimate of the sensitivity profile of each coil in the array.

IPC 1-7

**G01V 3/00; G01R 33/561**

IPC 8 full level

**G01R 33/48** (2006.01); **A61B 5/055** (2006.01); **G01R 33/3415** (2006.01); **G01R 33/54** (2006.01); **G01R 33/561** (2006.01)

CPC (source: EP)

**G01R 33/3415** (2013.01); **G01R 33/5611** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 0072050 A1 20001130; WO 0072050 A9 20020829**; AU 5283100 A 20001212; EP 1188072 A1 20020320; EP 1188072 A4 20040421; EP 2133714 A1 20091216; JP 2003500138 A 20030107

DOCDB simple family (application)

**US 0014171 W 20000523**; AU 5283100 A 20000523; EP 00937692 A 20000523; EP 09166628 A 20000523; JP 2000620384 A 20000523