

Title (en)

A MAGNETIC RESONANCE IMAGING METHOD AND DEVICE USING A STATIC AND HOMOGENEOUS MAGNETIC FIELD

Title (de)

MAGNETRESONANZ-ABBILDUNGSVERFAHREN UND -EINRICHTUNG MIT EINEM STATISCHEN UND EINEM HOMOGENEN MAGNETFELD

Title (fr)

PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE ET DISPOSITIF UTILISANT UN CHAMP MAGNETIQUE STATIQUE ET HOMOGENE

Publication

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Application

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Abstract (en)

[origin: WO2005122060A2] Described is a system for producing an MRI image of an object portion from magnetic resonance signals produced by the object portion in response to an RF signal transmitted to the object portion when it is in a static and homogeneous magnetic field. The system includes: (i) a probe for detecting the magnetic resonance signals when in the proximity of the object portion; and (ii) a signal processing assembly adapted to receive an output signal from the probe and to process the output signal into image data sets. The probe includes a plurality of RF detectors, each having a defined location and address.

IPC 8 full level

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