

Title (en)
COIL ARRAY FOR MAGNETIC RESONANCE IMAGING WITH REDUCED COUPLING BETWEEN ADJACENT COILS

Title (de)
SPULENARRAY FÜR DIE BILDGEBENDE MAGNETISCHE RESONANZ MIT VER RINGERTER KOPPLUNG ZWISCHEN BENACHBARTEN SPULEN

Title (fr)
RESEAU DE BOBINES DESTINE A LA RESONANCE MAGNETIQUE D'IMAGERIE AVEC COUPLAGE REDUIT ENTRE LES BOBINES ADJACENTES

Publication
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Application
EP 05714956 A 20050210

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Abstract (en)
[origin: WO2005076029A1] The invention relates to an imaging device, using nuclear magnetic resonance (NMR), with coils (1), for the transmission and/or reception of the frequency signals (Lamor frequency), composed in fields (arrays), whereby the individual coils (1) are made from a conductor track, defining an area (2). An electrical conductor (3) is applied at least in the area (2), arranged either within or outside the coil (1), completely surrounding the same and forming a closed circuit.

IPC 8 full level
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CPC (source: EP US)
G01R 33/3415 (2013.01 - EP US); **G01R 33/365** (2013.01 - EP US); **G01R 33/422** (2013.01 - EP US)

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