

Title (en)

MAGNETIC RESONANCE MONITORING OF THERMAL THERAPY

Title (de)

MEGNETRESONANZÜBERWACHUNG VON THERMOTHERAPIE

Title (fr)

SURVEILLANCE PAR RESONANCE MAGNETIQUE DE THERAPIE PAR VOIE THERMIQUE

Publication

EP 1233699 A1 20020828 (EN)

Application

EP 99974183 A 19991117

Priority

IL 9900618 W 19991117

Abstract (en)

[origin: WO0135825A1] This invention is a system for selectively applying heat (30) to destroy tumorous tissue (66) while using a double echo line scan sequence (50, 51, 52, 53, 54, 56, 60, 61, 62, 63, 64) generating two parallel scrolling displays during the heat therapy. One of the displays provides a temperature map, and the other display provides images of tissue damage by showing tissue intensity values.

IPC 1-7

A61B 5/055

IPC 8 full level

G01R 33/48 (2006.01); **A61B 5/055** (2006.01); **G01R 33/28** (2006.01); **A61N 5/06** (2006.01); **G01R 33/561** (2006.01)

CPC (source: EP)

G01R 33/4804 (2013.01); **G01R 33/56308** (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 0135825 A1 20010525; AU 1176100 A 20010530; EP 1233699 A1 20020828; EP 1233699 A4 20060412

DOCDB simple family (application)

IL 9900618 W 19991117; AU 1176100 A 19991117; EP 99974183 A 19991117