

Title (en)

SYSTEMS AND METHODS FOR TARGETING A BREAST LESION

Title (de)

SYSTEME UND VERFAHREN FÜR GEZIELTE BRUSTLESIONEN

Title (fr)

SYSTEMES ET PROCEDES PERMETTANT DE CIBLER UNE LESION DU SEIN

Publication

EP 1180963 A1 20020227 (EN)

Application

EP 00928767 A 20000503

Priority

- US 0012022 W 20000503
- US 13229699 P 19990503

Abstract (en)

[origin: WO0065989A1] The present invention provides systems and methods for guiding a surgical instrument (212) into a preselected spatial relationship with a lesion (234), in particular a lesion of the breast. In an exemplary embodiment, the system includes a data translation system that translates a set of data points representing the position of the lesion into a set of three-dimensional coordinates. It also includes a tracking system that tracks the position of a surgical instrument in three-dimensional space, and further includes a representation system that produces a representation (242, 244) of the position of the surgical instrument relative to the lesion. The systems of the present invention are correlated with methods for biopsy of a lesion and for surgically removing a lesion.

IPC 1-7

A61B 5/00

IPC 8 full level

A61B 6/00 (2006.01); **A61B 8/08** (2006.01); **A61B 6/04** (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP)

A61B 6/502 (2013.01); **A61B 8/0825** (2013.01); **A61B 8/0841** (2013.01); **A61B 90/17** (2016.02); **A61B 6/0414** (2013.01)

Citation (search report)

See references of WO 0065989A1

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 0065989 A1 20001109; AU 4694900 A 20001117; CA 2372148 A1 20001109; EP 1180963 A1 20020227; HK 1044882 A1 20021108

DOCDB simple family (application)

US 0012022 W 20000503; AU 4694900 A 20000503; CA 2372148 A 20000503; EP 00928767 A 20000503; HK 02106276 A 20020826