

Title (en)
SPLIT BEAM TRANSDUCER

Title (de)
TEILSTRAHLWANDLER

Title (fr)
TRANSDUCTEUR A FAISCEAU PARTAGE

Publication
EP 1227763 A2 20020807 (EN)

Application
EP 00982685 A 20001018

Priority
• US 0041226 W 20001018
• US 16022299 P 19991018

Abstract (en)
[origin: WO0128623A2] A method and apparatus for treating tissue includes providing an ultrasound transducer (14) having a surrounded ultrasound generating region (12) and a surrounding ultrasound generating region (18). The surrounded region (12) and surrounding region (18) are separately actuatable (10, 13, 15, 16, 20) to generate ultrasound. At least the surrounding region (18) has a focus. The ultrasound transducer (12) is placed adjacent the tissue to be treated so that the focus of the surrounding region (18) lies adjacent a treatment site. The surrounding region (18) is actuated while the surrounded region (12) is maintained unactuated to treat the tissue to create a treated region in the tissue.

IPC 1-7
A61B 17/22; **A61N 7/02**

IPC 8 full level
A61B 18/00 (2006.01); **A61N 7/00** (2006.01); **A61N 7/02** (2006.01); **H04R 17/00** (2006.01); **A61B 8/08** (2006.01)

CPC (source: EP)
A61N 7/00 (2013.01); **A61B 8/0833** (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 0128623 A2 20010426; **WO 0128623 A3 20010913**; EP 1227763 A2 20020807; EP 1227763 A4 20050615; JP 2003512103 A 20030402

DOCDB simple family (application)
US 0041226 W 20001018; EP 00982685 A 20001018; JP 2001531451 A 20001018