

Title (en)
SPLIT BEAM TRANSDUCER

Title (de)
TEILSTRAHLWANDLER

Title (fr)
TRANSDUCTEUR A FAISCEAU PARTAGE

Publication
EP 1227763 A4 20050615 (EN)

Application
EP 00982685 A 20001018

Priority
• US 0041226 W 20001018
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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
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CPC (source: EP)
A61N 7/00 (2013.01); **A61B 8/0833** (2013.01)

Citation (search report)
• [X] US 4865042 A 19890912 - UMEMURA SHIN-ICHIRO [JP], et al
• [X] US 4586512 A 19860506 - DO-HUU JEAN-PAUL [FR], et al
• [X] US 4888746 A 19891219 - WURSTER HELMUT [DE], et al
• [A] US 5520188 A 19960528 - HENNIGE CARL W [US], et al
• [A] US 4622972 A 19861118 - GIEBELER JR ROBERT H [US]
• See references of WO 0128623A2

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)
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