

Title (en)
TISSUE TREATMENT METHOD AND APPARATUS

Title (de)
METHODE UND APPARAT ZUR BEHANDLUNG VON GEWEBE

Title (fr)
PROCEDE ET APPAREIL POUR EFFECTUER UN TRAITEMENT TISSULAIRE

Publication
EP 1339311 A4 20080430 (EN)

Application
EP 01975258 A 20010919

Priority
• US 0129359 W 20010919
• US 23379500 P 20000919

Abstract (en)
[origin: WO0224050A2] An apparatus and method employ first, second and third trocars (60) for introduction of equipment into, and removal of equipment from, a body region, an optical imaging system (optical fibers, 72, 76, 84), a source (88) of a relatively inert fluid for expanding the body region to facilitate the introduction of components of the apparatus into the body region to facilitate the introduction of components of apparatus, and an ultrasound apparatus (108, 112, 302, 304) for at least one of visualization and treatment of the body region. A first one of the trocars (60) facilitates passing of the component (optical fibers) of the optical imaging system (optical fibers, 72, 76, 84) into and out of the body region. A second one of the trocars (60) facilitates passing the fluid between the fluid source (88) and the body region. A third one of the trocars (60) facilitates passing the ultrasound visualization and/or treatment apparatus (108, 112, 302, 304) into and out of the body region.

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Citation (search report)
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• [X] US 5876325 A 19990302 - MIZUNO HITOSHI [JP], et al
• [X] WO 9734540 A1 19970925 - PLC MEDICAL SYSTEMS INC [US]
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• [X] WO 9817187 A1 19980430 - HEARTPORT INC [US]
• See references of WO 0224050A2

Designated contracting state (EPC)
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WO 0224050 A2 20020328; **WO 0224050 A3 20030626**; AU 9459801 A 20020402; EP 1339311 A2 20030903; EP 1339311 A4 20080430; JP 2004508867 A 20040325

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