

Title (en)

METHOD AND APPARATUS FOR TREATMENT OF TISSUES WITH FLUID JETS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BEHANDLUNG VON GEWEBE DURCH HOCHDRUCKFLÜSSIGKEIT

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT DE TISSUS A L'AIDE DE JETS DE FLUIDE

Publication

EP 1148827 A1 20011031 (EN)

Application

EP 00904514 A 20000124

Priority

- US 0001665 W 20000124
- US 23869199 A 19990127

Abstract (en)

[origin: WO0044292A1] A method and apparatus for removing tissue with a high-pressure fluid jet. In one embodiment, a high-pressure primary fluid is mixed with a secondary fluid to produce a fluid jet having a reduced level of coherence. The secondary fluid can be introduced either by entrainment from the ambient or reservoir or from a pressure source or by means of a vacuum pump. The mass flow and/or pressure of either or both of the primary and secondary fluids can be controlled to remove a selected portion of tissue. The tissue can be selected to include human or animal tissue, such as skin or bone tissue, vegetable tissue, or other types of tissue.

IPC 1-7

A61B 17/32

IPC 8 full level

A61B 17/32 (2006.01); **A61B 17/00** (2006.01)

CPC (source: EP)

A61B 17/3203 (2013.01); **A61B 2017/00761** (2013.01)

Citation (search report)

See references of WO 0044292A1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

WO 0044292 A1 20000803; AU 2625700 A 20000818; EP 1148827 A1 20011031; JP 2002535067 A 20021022

DOCDB simple family (application)

US 0001665 W 20000124; AU 2625700 A 20000124; EP 00904514 A 20000124; JP 2000595598 A 20000124