

Title (en)

DEVICE FOR GENTLY REMOVING TISSUE FROM ANIMAL OR HUMAN TISSUE

Title (de)

VORRICHTUNG ZUR SCHONENDEN GEWEBEENTNAHME AUS TIERISCHEM ODER MENSCHLICHEM GEWEBE

Title (fr)

DISPOSITIF POUR PRELEVER DELICATEMENT DU TISSU HUMAIN OU ANIMAL

Publication

**EP 1139896 A1 20011010 (DE)**

Application

**EP 00979538 A 20001107**

Priority

- DE 19953938 A 19991109
- EP 0010987 W 20001107

Abstract (en)

[origin: DE19953938A1] Disclosed is a device for gently removing tissue from animal or human tissue. The inventive device comprises a hollow cannula that is provided with a hollow canal. The invention is characterised in that the hollow cannula is embodied as a multiwall hollow cannula and is provided with at least two cannula walls that enclose at least one space which is open on the distal side. A cutting wire which can be supplied with electrical energy protrudes from the distal side of the space. A supply line for a substance stream is provided on the proximal side and in the space of the multiwall hollow cannula. The supply line and the space are configured in such a way that the substance stream flows through the space and exits through the distal side thereof. A negative pressure source can be connected to the proximal side on the hollow canal pertaining to the multiwall hollow cannula.

IPC 1-7

**A61B 18/14**

IPC 8 full level

**A61B 18/14** (2006.01)

CPC (source: EP US)

**A61B 18/1482** (2013.01 - EP US); **A61B 2018/00601** (2013.01 - EP US); **A61B 2218/002** (2013.01 - EP US); **A61B 2218/007** (2013.01 - EP US)

Citation (search report)

See references of WO 0134046A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**DE 19953938 A1 20010510**; EP 1139896 A1 20011010; US 6387057 B1 20020514; WO 0134046 A1 20010517

DOCDB simple family (application)

**DE 19953938 A 19991109**; EP 0010987 W 20001107; EP 00979538 A 20001107; US 86983701 A 20010907