

Title (en)

HIGH-FREQUENCY SURGICAL INSTRUMENT FOR MINIMAL ACCESS SURGERY

Title (de)

HF-CHIRURGISCHES GERÄT FÜR DIE MINIMAL-INVASIVE CHIRURGIE

Title (fr)

APPAREIL CHIRURGICAL HF POUR CHIRURGIE AVEC EFFRACTION MINIMALE

Publication

EP 0771175 A1 19970507 (DE)

Application

EP 95924958 A 19950701

Priority

- DE 4425015 A 19940715
- EP 9502554 W 19950701

Abstract (en)

[origin: DE4425015A1] The invention concerns an endoscopic instrument for the high-frequency surgical treatment of tissue in body cavities by using a liquid volume produced as a result of a wash penetrating the cavity. The instrument has a shaft which can be introduced into the cavity and by means of which an active electrode can be placed in the liquid volume. The instrument further has a neutral electrode and a high-frequency generator to which both electrodes are connected by insulated leads. The invention is characterized in that the neutral electrode is arranged at a distance from the active electrode in the liquid volume.

IPC 1-7

A61B 17/39

IPC 8 full level

A61B 18/14 (2006.01); **A61M 1/00** (2006.01)

CPC (source: EP US)

A61B 18/1485 (2013.01 - EP US); **A61B 18/1402** (2013.01 - EP US); **A61B 2018/1472** (2013.01 - EP US); **A61M 1/77** (2021.05 - EP US)

Citation (search report)

See references of WO 9602196A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 4425015 A1 19960125; DE 4425015 C2 19970116; EP 0771175 A1 19970507; US 5885277 A 19990323; WO 9602196 A1 19960201

DOCDB simple family (application)

DE 4425015 A 19940715; EP 9502554 W 19950701; EP 95924958 A 19950701; US 76564297 A 19970227