

Title (en)

SURGICAL DEVICE FOR REMOVAL OF TISSUE FROM A BIOLOGICAL STRUCTURE

Title (de)

CHIRURGISCHE EINRICHTUNG ZUR ENTNAHME VON GEWEBE AUS EINER BIOLOGISCHEN STRUKTUR

Title (fr)

DISPOSITIF CHIRURGICAL POUR PRELEVER DU TISSU SUR UNE STRUCTURE BIOLOGIQUE

Publication

EP 1903956 A1 20080402 (DE)

Application

EP 06777485 A 20060627

Priority

- EP 2006063591 W 20060627
- DE 102005030931 A 20050630

Abstract (en)

[origin: WO2007003532A1] The invention relates to surgical devices comprising an operating handle (1) with an inner injection cannula (3) and an outer suction tube (2). A drain channel is provided between the inner injection cannula (3) and the outer suction tube (2). The suction tube (2) comprises several suction openings (11). According to the invention, the capacity of the surgical device may be increased, whereby each suction opening (11) is provided with a separation edge, the suction channel has a guide wall (14) for a suction flow and the outer suction tube (2) has a rotating and driven design.

IPC 8 full level

A61B 17/32 (2006.01); **A61B 17/22** (2006.01); **A61M 1/00** (2006.01)

CPC (source: EP US)

A61B 17/32037 (2013.01 - EP US); **A61B 17/320758** (2013.01 - EP US); **A61B 17/320783** (2013.01 - EP US); **A61M 1/85** (2021.05 - EP US); **A61B 2017/00685** (2013.01 - EP); **A61M 1/7411** (2021.05 - EP US); **A61M 25/007** (2013.01 - EP); **A61M 2202/08** (2013.01 - EP)

Citation (search report)

See references of WO 2007003532A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005030931 A1 20070104; **DE 102005030931 B4 20090305**; EP 1903956 A1 20080402; WO 2007003532 A1 20070111

DOCDB simple family (application)

DE 102005030931 A 20050630; EP 06777485 A 20060627; EP 2006063591 W 20060627