

Title (en)

MEDICAL TOOL AND METHOD FOR PRODUCING A MEDICAL TOOL

Title (de)

MEDIZINISCHES WERKZEUG UND VERFAHREN ZUR HERSTELLUNG EINES MEDIZINISCHEN WERKZEUGS

Title (fr)

OUTIL MÉDICAL ET PROCÉDÉ DE FABRICATION D'UN OUTIL MÉDICAL

Publication

**EP 2701629 A1 20140305 (DE)**

Application

**EP 12758998 A 20120711**

Priority

- DE 102011107676 A 20110713
- DE 2012200046 W 20120711

Abstract (en)

[origin: WO2013007255A1] The invention relates to a medical tool, in particular a hollow needle for an ophthalmological surgical instrument for the in-vivo fragmentation of organic lenses using ultrasound, comprising a functional part (1) and a connecting part (2). The connecting part (2) has handling means (3) and is used to removably connect to a handle. The invention is characterized in that the condition of the handling means (3) changes when connecting/releasing the tool to/from the handle and/or when reprocessing the tool, for example when sterilizing the tool. For example, the color or transparency of the handling means (3) changes. The handling means (3) can further become visibly damaged while connecting or releasing the instrument. The aim of the invention is to ensure only one-time use. The invention further relates to a method for producing a corresponding medical tool.

IPC 8 full level

**A61B 19/00** (2006.01); **A61F 9/007** (2006.01)

CPC (source: EP US)

**A61B 90/92** (2016.02 - EP US); **A61F 9/00745** (2013.01 - EP US); **A61B 2017/0023** (2013.01 - EP US); **A61B 2017/00464** (2013.01 - EP US);  
**A61B 2017/32008** (2013.01 - US); **A61B 2090/0814** (2016.02 - EP US); **A61F 9/00736** (2013.01 - US)

Citation (search report)

See references of WO 2013007255A1

Citation (examination)

- WO 9837819 A1 19980903 - ETHICON ENDO SURGERY INC [US]
- EP 1925261 A1 20080528 - KYPHON INC [US]
- WO 0162153 A1 20010830 - ASCENDIA AB [SE], et al
- DE 102008023967 A1 20091119 - GEUDER AG [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102011107676 A1 20130117**; EP 2701629 A1 20140305; US 2014128879 A1 20140508; US 9474646 B2 20161025;  
WO 2013007255 A1 20130117

DOCDB simple family (application)

**DE 102011107676 A 20110713**; DE 2012200046 W 20120711; EP 12758998 A 20120711; US 201214130468 A 20120711