

Title (en)

DISPOSABLE, MODULAR SURGICAL INSTRUMENT

Title (de)

MODULARES CHIRURGISCHES INSTRUMENT DER EIN-WEGE-BAUART

Title (fr)

INSTRUMENT CHIRURGICAL MODULAIRE DE TYPE MONOVOIE

Publication

EP 3197373 A1 20170802 (DE)

Application

EP 15762639 A 20150914

Priority

- DE 102014113634 A 20140922
- EP 2015070969 W 20150914

Abstract (en)

[origin: WO2016046010A1] The invention relates to a disposable surgical instrument which, in accordance with the principle of a modular system, has the following elements: an instrument grip, preferably a pistol grip, which forms a receiving housing, in which instrument grip a separate handle such as an actuating lever is mounted in the manner of a rocker on an articulation point on the handle side; and a shaft-mounted tool, consisting of a shaft comprising at least two relatively axially movable bar or rod components and an instrument head having patient engagement elements which can be actuated by the two relatively axially movable bar or rod components, of which a bar or rod component is fixed at the proximal end thereof to the instrument handle and the other, movable bar or rod component has on the shaft side an articulation point on which the handle is directly articulated in such a way that a manually actuated rocker movement of the handle about the articulation point on the handle side is transformed directly into an axial movement of the other bar or rod component on the articulation point on the shaft side.

IPC 8 full level

A61B 17/16 (2006.01); **A61B 17/29** (2006.01)

CPC (source: CN EP US)

A61B 17/1608 (2013.01 - CN EP US); **A61B 17/1611** (2013.01 - CN EP US); **A61B 17/29** (2013.01 - CN); **A61B 2017/0023** (2013.01 - US); **A61B 2017/00367** (2013.01 - US); **A61B 2017/0042** (2013.01 - US); **A61B 2017/00424** (2013.01 - US); **A61B 2017/00464** (2013.01 - US); **A61B 2017/00469** (2013.01 - US); **A61B 2017/2901** (2013.01 - CN); **A61B 2017/2925** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016046010A1

Citation (examination)

EP 2246004 A1 20101103 - COVIDIEN AG [CH]

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014113634 A1 20160324; CN 107072675 A 20170818; EP 3197373 A1 20170802; JP 2017527413 A 20170921; US 2017296199 A1 20171019; WO 2016046010 A1 20160331

DOCDB simple family (application)

DE 102014113634 A 20140922; CN 201580057134 A 20150914; EP 15762639 A 20150914; EP 2015070969 W 20150914; JP 2017515809 A 20150914; US 201515511960 A 20150914