

Title (en)

CIRCULAR STAPLER FOR HEMORRHOID OPERATIONS

Title (de)

KREISFÖRMIGER HEFTER FÜR HÄMORRHOÏDEN-OPERATIONEN

Title (fr)

AGRAFEUSE CIRCULAIRE CONCUE POUR DES OPERATIONS DES HEMORROIDES

Publication

EP 1659956 A4 20120404 (EN)

Application

EP 04783241 A 20040901

Priority

- US 2004028928 W 20040901
- HU P0302804 A 20030901
- HU P0303705 A 20031112

Abstract (en)

[origin: EP2769686A1] A circular stapler for performing hemorrhoidal operations, the stapler comprising: an anvil (1) and a stapler head (10), the anvil (1) being supported on a shaft (16) and being movable in relation to the stapler head (10) between open and closed positions, wherein the stapler includes at least one displacing rod (23), each of the at least one displacing rods (23) having a first end provided with a hole or hook (22) configured to engage a suture and a second end extending through a body (11) of the stapler.

IPC 8 full level

A61B 17/115 (2006.01); **A61B 17/068** (2006.01)

CPC (source: EP)

A61B 17/115 (2013.01); **A61B 17/1155** (2013.01)

Citation (search report)

- [XYI] US 6117148 A 20000912 - RAVO BIAGIO [IT], et al
- [XI] US 5395030 A 19950307 - KURAMOTO SEIJI [JP], et al
- [Y] US 6203553 B1 20010320 - ROBERTSON JOHN CHARLES [US], et al
- [Y] US 5197649 A 19930330 - BESSLER MARC [US], et al
- [XI] US 6102271 A 20000815 - LONGO ANTONIO [IT], et al
- [A] EP 0137685 A2 19850417 - SENMED INC [US]

Designated contracting state (EPC)

DE ES FR GB IE IT

DOCDB simple family (publication)

EP 2769686 A1 20140827; AU 2004270226 A1 20050317; AU 2004270226 B2 20100204; AU 2010200910 A1 20100401;
AU 2010200910 B2 20120119; CA 2536812 A1 20050317; CA 2536812 C 20120327; CA 2743946 A1 20050317; CA 2743946 C 20131112;
EP 1659956 A2 20060531; EP 1659956 A4 20120404; JP 2007503888 A 20070301; JP 2010234076 A 20101021; JP 4637103 B2 20110223;
WO 2005023092 A2 20050317; WO 2005023092 A3 20051124

DOCDB simple family (application)

EP 14161071 A 20040901; AU 2004270226 A 20040901; AU 2010200910 A 20100310; CA 2536812 A 20040901; CA 2743946 A 20040901;
EP 04783241 A 20040901; JP 2006524960 A 20040901; JP 2010142099 A 20100622; US 2004028928 W 20040901