

Title (en)
SURGICAL INSTRUMENT

Title (de)
CHIRURGISCHES INSTRUMENT

Title (fr)
INSTRUMENT CHIRURGICAL

Publication
EP 0957754 A1 19991124 (EN)

Application
EP 96939369 A 19961108

Priority
• NO 9600263 W 19961108
• NO 954552 A 19951110

Abstract (en)
[origin: WO9717014A1] Surgical instrument for locating and stopping bleeding during surgical operations, comprising a carrier member having an end portion adapted to be introduced manually to the operation site, and at least one sensor element (1) mounted at the end portion of the carrier member and adapted to detect bleeding. A coagulator device (2) is mounted on or can be introduced through the end portion adjacent to the sensor element (1), and an electronic unit (5) is connected to the sensor element (1) for providing an operator signal (6) during detection and location of a bleeding spot. A coagulation apparatus (4) is connected to the coagulator device (2) for activation (7) thereof in response to said operator signal (6).

IPC 1-7
A61B 5/02; **A61B 17/36**

IPC 8 full level
A61B 1/018 (2006.01); **A61B 8/06** (2006.01); **A61B 18/00** (2006.01); **A61B 18/14** (2006.01); **A61B 17/00** (2006.01); **A61B 17/12** (2006.01); **A61B 18/24** (2006.01); **A61M 1/00** (2006.01)

IPC 8 main group level
A61B (2006.01)

CPC (source: EP)
A61B 1/018 (2013.01); **A61B 8/06** (2013.01); **A61B 8/12** (2013.01); **A61B 18/00** (2013.01); **A61B 18/1485** (2013.01); **A61B 8/0808** (2013.01); **A61B 18/1442** (2013.01); **A61B 18/24** (2013.01); **A61B 2017/00057** (2013.01); **A61B 2017/00084** (2013.01); **A61B 2017/00106** (2013.01); **A61B 2017/00128** (2013.01); **A61B 2017/003** (2013.01); **A61B 2017/00973** (2013.01); **A61B 2017/12004** (2013.01); **A61B 2018/00011** (2013.01); **A61B 2018/00434** (2013.01); **A61B 2018/00446** (2013.01); **A61B 2018/1253** (2013.01); **A61B 2018/126** (2013.01); **A61B 2018/1472** (2013.01); **A61B 2018/1495** (2013.01)

Citation (search report)
See references of WO 9717014A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
WO 9717014 A1 19970515; AU 7656896 A 19970529; EP 0957754 A1 19991124; NO 954552 D0 19951110; NO 981956 D0 19980430; NO 981956 L 19980430

DOCDB simple family (application)
NO 9600263 W 19961108; AU 7656896 A 19961108; EP 96939369 A 19961108; NO 954552 A 19951110; NO 981956 A 19980430