

Title (en)
LAPAROSCOPIC SUTURING DEVICE AND SUTURE NEEDLES

Title (de)
NÄHMATERIAL UND NÄHNADEL ZUM GEBRAUCH BEI LAPAROSKOPIE

Title (fr)
DISPOSITIF POUR SUTURE SOUS LAPAROSCOPIE ET AIGUILLES DE SUTURE

Publication
EP 0836422 A1 19980422 (EN)

Application
EP 96916426 A 19960308

Priority
US 9601789 W 19960308

Abstract (en)
[origin: WO9737594A1] This invention is a surgical suturing needle (45) which includes an elongated shaft having a first end tapered to a point, a second end, and a medial portion. The medial portion includes an axially aligned groove (46) leading to a blind hole into which a surgical suture (48) is fixedly attached. Also disclosed is a suture needle holder (10) which includes an elongated tube (31) having an internal cavity, a distal rounded surface (35) with an external groove (36) of a depth to retain a suture therein. The suture needle holder also includes a pair of wings (37) adjacent the distal end wherein each wing is pivotally attached to the tube at one end of the wing, and has a needle holder (38) at the other end of the wing. The suture needle holder further includes a control element (32) connected to the pair of wings for controlling the pivoting motion thereof.

IPC 1-7
A61B 17/00

IPC 8 full level
A61B 17/04 (2006.01); **A61B 17/00** (2006.01); **A61B 17/06** (2006.01)

CPC (source: EP)
A61B 17/0469 (2013.01); **A61B 17/0057** (2013.01); **A61B 17/06004** (2013.01); **A61B 2017/00637** (2013.01); **A61B 2017/00663** (2013.01); **A61B 2017/047** (2013.01); **A61B 2017/0472** (2013.01); **A61B 2017/06042** (2013.01)

Designated contracting state (EPC)
AT BE CH DE ES FR GB IE IT LI LU NL

DOCDB simple family (publication)
WO 9737594 A1 19971016; AU 5917696 A 19971029; EP 0836422 A1 19980422; EP 0836422 A4 20000816

DOCDB simple family (application)
US 9601789 W 19960308; AU 5917696 A 19960308; EP 96916426 A 19960308