

Title (en)

APPARATUS FOR IMAGE GUIDED MANIPULATION OF MEDICAL INSTRUMENT

Title (de)

VORRICHTUNG FÜR BILDGEFÜHRTE MANIPULATION MEDIZINISCHER INSTRUMENTE

Title (fr)

APPAREIL ET PROCEDE POUR INSERTION ET RETRAIT GUIDES PAR L'IMAGE D'UNE CANULE OU D'UNE AIGUILLE

Publication

**EP 1809178 A2 20070725 (EN)**

Application

**EP 05817518 A 20051024**

Priority

- US 2005038477 W 20051024
- US 62134904 P 20041022

Abstract (en)

[origin: WO2006047554A2] A means for holding a selected cannula such that the cannula is controllably restricted in motion in all but one line, but still able to slide along the line relatively freely. The motion restricting force may be selectively varied, thereby allowing an unrestricted separation of the cannula and the holding/guide device.

IPC 8 full level

**A61B 8/08** (2006.01); **A61B 17/34** (2006.01)

CPC (source: EP)

**A61B 8/0833** (2013.01); **A61B 8/0841** (2013.01); **A61B 8/4455** (2013.01); **A61B 17/3403** (2013.01); **A61B 34/10** (2016.02); **A61B 2017/00477** (2013.01); **A61B 2017/00876** (2013.01); **A61B 2017/3413** (2013.01); **A61B 2090/378** (2016.02)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006047554 A2 20060504**; **WO 2006047554 A3 20060720**; CA 2626226 A1 20060504; EP 1809178 A2 20070725; EP 1809178 A4 20100728; JP 2008517673 A 20080529

DOCDB simple family (application)

**US 2005038477 W 20051024**; CA 2626226 A 20051024; EP 05817518 A 20051024; JP 2007538177 A 20051024