

Title (en)
ATRAUMATIC ARTHROSCOPIC INSTRUMENT SHEATH

Title (de)
ATRAUMATISCHER ARTHROSKOPISCHER INSTRUMENTMANTEL

Title (fr)
GAINE ATRAUMATIQUE POUR INSTRUMENT ARTHROSCOPIQUE

Publication
EP 1748722 A4 20091111 (EN)

Application
EP 05712239 A 20050128

Priority

- US 2005002720 W 20050128
- US 76962904 A 20040129
- US 1627404 A 20041217
- US 3114905 A 20050107

Abstract (en)
[origin: WO2005072402A2] A removable, resilient atraumatic sheath for arthroscopic instruments. The sheath covers sharp edges on the arthroscopic instrument, particularly the distal tip of the rigid cannula, and thereby protects tissue and objects near a surgical site from accidental trauma. The sheath may be provided in the form of an inflow/outflow sheath that allows a surgeon to irrigate and drain a surgical field without the use of a separate irrigation instrument.

IPC 8 full level
A61B 1/00 (2006.01); **A61B 1/317** (2006.01); **A61B 17/34** (2006.01); **A61M 1/00** (2006.01); **A61M 25/01** (2006.01); **A61B 17/32** (2006.01)

CPC (source: EP US)
A61B 1/00135 (2013.01 - EP); **A61B 1/317** (2013.01 - EP); **A61B 17/3207** (2013.01 - EP US); **A61B 17/3421** (2013.01 - EP US); **A61M 1/85** (2021.05 - EP US); **A61B 2017/320048** (2013.01 - EP); **A61B 2017/347** (2013.01 - EP); **A61B 2017/349** (2013.01 - EP)

Citation (search report)

- [XY] US 5601603 A 19970211 - ILLI OSKAR [CH]
- [XY] US 4717379 A 19880105 - EKHOLMER ERIK [SE]
- [Y] US 4959058 A 19900925 - MICHELSON GARY K [US]
- [Y] US 4973321 A 19901127 - MICHELSON GARY K [US]
- [Y] US 5797943 A 19980825 - DANKS JOHN K [US], et al
- See references of WO 2005072402A2

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US10888364B2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005072402 A2 20050811; **WO 2005072402 A3 20061207**; EP 1748722 A2 20070207; EP 1748722 A4 20091111; JP 2007522837 A 20070816; JP 5025269 B2 20120912

DOCDB simple family (application)
US 2005002720 W 20050128; EP 05712239 A 20050128; JP 2006551498 A 20050128