

Title (en)
INSUFFLATOR AND METHOD OF USE

Title (de)
INSUFFLATOR UND ANWENDUNGSVERFAHREN

Title (fr)
INSUFFLATEUR ET PROCEDE D'UTILISATION

Publication
EP 1605812 A2 20051221 (EN)

Application
EP 04717923 A 20040305

Priority
• US 2004003370 W 20040305
• US 45204003 P 20030306
• US 49412203 P 20030812

Abstract (en)
[origin: WO2004080274A2] A surgical device and method for endoscopic surgical procedures capable of preventing injuries to internal organs during insertion. The surgical device can include one or more of the following: a multiple system of sharp blade edges or a single blade, a mechanical tissue protection device that includes a series of thin plastic guards sliding along the sides of the planar knives and having an angle between their edges smaller than that of the cutting knife edges, one or more fixed conical deflectors to expand the cut tissue passage leaving the guards to contact tissue contact only at their tips, an insufflation passage configured to transport fluid into the body cavity during penetration, a locking system for the guards that prevents accidental reuse of the cutting features, and/or an ergonomic design which facilitates handling.

IPC 1-7
A61B 1/00

IPC 8 full level
A61B 1/00 (2006.01); **A61B 17/22** (2006.01); **A61B 17/32** (2006.01); **A61B 17/34** (2006.01); **A61M 37/00** (2006.01)

IPC 8 main group level
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CPC (source: EP KR)
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