

Title (en)  
HAND HELD SURGICAL TOOL.

Title (de)  
IN DER HAND HALTBARES CHIRURGISCHES WERKZEUG.

Title (fr)  
INSTRUMENT CHIRURGICAL POUVANT ETRE TENU DANS UNE MAIN.

Publication  
**EP 0259482 A4 19890614 (EN)**

Application  
**EP 87902242 A 19870312**

Priority  
• US 83964386 A 19860313  
• US 84723786 A 19860402

Abstract (en)  
[origin: WO8705483A1] A microsurgical tool (10) for use in microsurgery having a central cylindrical body (18, 20) which can be rotated by a surgeon. The body includes first and second portions (18) and (20) joined at a closed end (24), and having needle points (12) and (14) at the other end. Opposing longitudinal grooves (40) and (42) formed in each half receive an alignment rod (38) which maintains alignment of the tips (12) and (14) as the portions are mated together. The portions of cooperating intermating recesses (62) and (66) and the protrusions (60) and (64) extending in transverse directions are located adjacent the tips (12) and (14) of the instrument. The protrusions (60) and (64) and recesses (62) and (66) provide a second, early alignment of the portions (28) and (30) adjacent to the tips of the instrument (10) as the instrument (10) is closed.

IPC 1-7  
**A61B 17/30**; **A61B 17/28**; **B25B 9/00**; **B23K 9/16**; **B21K 21/00**

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**A61B 2017/00526** (2013.01)

Citation (search report)  
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• See references of WO 8705483A1

Designated contracting state (EPC)  
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DOCDB simple family (application)  
**US 8700528 W 19870312**; EP 87902242 A 19870312