

Title (en)

Hand tool with hinge joint.

Title (de)

Handwerkzeug mit Scharniergelenk.

Title (fr)

Outil à main avec articulation à charnière.

Publication

**EP 0673720 A1 19950927 (EN)**

Application

**EP 95103760 A 19950315**

Priority

US 21851394 A 19940325

Abstract (en)

A precision hinge joint especially useful for dental and orthodontic hand tools (10) includes a threaded fastener (32) that pivotally couples arms (12, 16) of the tool together. An outer end of the fastener is riveted into a recess (30) formed on the side of the tool to form an enlarged end portion that substantially prevents the threaded fastener from loosening during use. <IMAGE>

IPC 1-7

**B25B 7/08**; **B25B 7/06**

IPC 8 full level

**B25B 7/06** (2006.01); **B25B 7/08** (2006.01)

CPC (source: EP)

**B25B 7/06** (2013.01); **B25B 7/08** (2013.01)

Citation (search report)

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- [X] DE 3026151 A1 19820204 - HEIMANN WERNER
- [YA] US 3648550 A 19720314 - ROZMUS WALTER J
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Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 95103760 A 19950315**; JP 206195 U 19950317