

Title (en)  
TOOL HOLDER AND PROCESS TO MAKE IT

Publication  
**EP 0103561 A3 19851127 (DE)**

Application  
**EP 83890124 A 19830725**

Priority  
AT 307582 A 19820811

Abstract (en)  
[origin: EP0103561A2] The tool holder (1) made of heat- and rust-resistant steel has a hole (2) for receiving a tool. The base (3) of the tool holder (1) is joined to the main body (5) of a gib head by welding, the tool holder having at least in the region of the base part (3) a sheath applied by build-up welding and made of readily weldable steel. Said sheath (4) extends over not more than half the height of the tool holder (1) and consists of ferritic or austenitic steel with a wall thickness of 0.5 to 10 mm. That subregion of the base (4) of the tool holder (1) on which the build-up welding is applied is formed in the region of said build-up welding so as to be reduced by the thickness of the build-up welding before the build-up welding.  
<IMAGE>

IPC 1-7  
**E21C 35/18**

IPC 8 full level  
**E21C 35/18** (2006.01)

CPC (source: EP)  
**E21C 35/18** (2013.01)

Citation (search report)  
• [Y] FR 2329842 A1 19770527 - VOEST AG [AT]  
• [A] AT 334854 B 19770210 - VOEST AG [AT]  
• [Y] E. SUDASCH: "Schweisstechnik", 2. Auflage, 1959, Seiten 234-242, Carl Hanser Verlag, München, DE.

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EP0180572A1

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**EP 0103561 A2 19840321; EP 0103561 A3 19851127**; AT 374563 B 19840510; AT A307582 A 19830915; AU 1726083 A 19840216; CS 585283 A2 19850613; HU 187116 B 19851128; JP S6013193 A 19850123; MA 19869 A1 19840401; PL 137582 B1 19860630; PL 243387 A1 19840424; ZA 835428 B 19840328

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