

Title (en)

Tensioning and/or widening tool with a push or pull bar

Title (de)

Spann- und/oder Spreizwerkzeug mit einer Schub- oder Zugstange

Title (fr)

Outil de serrage et/ou d'écartement doté d'une tige de poussée ou de traction

Publication

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Application

EP 09002670 A 20041208

Priority

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Abstract (en)

[origin: WO2005115690A1] The invention relates to a chucking and/or expansion tool (1) having a push or pull rod (7), at least one locking device (33) blocking a displacement of the push or pull rod against a chucking and/or expansion direction by being jammed with respect to the push or pull rod by means of at least one forced action mechanism (35), such as a spring, especially a thrust spring, and one unlocking device (41) undoing the blocking effect of the locking device when activated. The invention is characterized in that the forced action mechanism and the unlocking device functionally engage with the locking device on at least opposite ends of the push or pull rod.

IPC 8 full level

B25B 5/06 (2006.01)

CPC (source: EP US)

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Citation (search report)

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WO 2005115690 A1 20051208; AU 2004320073 A1 20051208; AU 2004320073 B2 20100513; CN 100411818 C 20080820; CN 101018645 A 20070815; CN 101027162 A 20070829; CN 101027162 B 20100623; DE 102004024862 A1 20060105; DE 502004009673 D1 20090806; DE 502005008332 D1 20091126; EP 1750905 A1 20070214; EP 1750905 B1 20090624; EP 2085183 A2 20090805; EP 2085183 A3 20091007; EP 2085183 B1 20130213; EP 2324958 A2 20110525; EP 2324958 A3 20110629; EP 2324958 B1 20130619; US 2007194510 A1 20070823; US 2008179801 A1 20080731; US 7896322 B2 20110301; US 7942392 B2 20110517

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