

Title (en)  
TIGHTENING SPANNER

Title (de)  
SCHRAUBENSCHLÜSSEL

Title (fr)  
CLE DE SERRAGE

Publication  
**EP 0725709 B1 19970730 (FR)**

Application  
**EP 94929417 A 19941025**

Priority  
• BE 9400072 W 19941025  
• BE 9301139 A 19931025

Abstract (en)  
[origin: WO9511776A1] A hydraulically-powered tightening and loosening spanner including a ratchet wheel assembly (5.1), a retaining mechanism (1.3), a drive lever (2) connected to a piston rod and fixedly supporting a guide (5.5), and a member rotating the ratchet wheel assembly and including a slide (5.4) which supports one or more drive elements (5.2) and is slidable along the guide during reciprocal motion of the piston (4.2).

IPC 1-7  
**B25B 21/00**

IPC 8 full level  
**B25B 21/00** (2006.01)

CPC (source: EP US)  
**B25B 21/005** (2013.01 - EP US)

Designated contracting state (EPC)  
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**WO 9511776 A1 19950504**; AU 7849094 A 19950522; BE 1007526 A3 19950725; DE 69404666 D1 19970904; DE 69404666 T2 19980226; EP 0725709 A1 19960814; EP 0725709 B1 19970730; US 5823075 A 19981020

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