

Title (en)  
TOOL APPARATUS, SYSTEM AND METHOD OF USE

Title (de)  
WERKZEUGVORRICHTUNG, SYSTEM UND VERWENDUNGSVERFAHREN

Title (fr)  
OUTIL, SYSTEME D'OUTIL ET PROCEDE D'UTILISATION

Publication  
**EP 1532344 A2 20050525 (EN)**

Application  
**EP 03762179 A 20030627**

Priority  
• US 0320426 W 20030627  
• US 39232202 P 20020627  
• US 41419102 P 20020927

Abstract (en)  
[origin: WO2004003695A3] The present disclosure relates to a method, tool apparatus (20), system associated with the apparatus, and method of using the apparatus and the system for use in attaching fasteners and other operations. One application of this disclosure would be to provide a tool (20), system and method for attaching lug nuts to secure a wheel to vehicle.

IPC 1-7  
**E21B 7/00**

IPC 8 full level  
**E21B 7/00** (2006.01); **B25B 23/14** (2006.01)

IPC 8 main group level  
**G06F** (2006.01)

CPC (source: EP)  
**B25B 21/00** (2013.01); **B25B 23/14** (2013.01); **B25B 23/1425** (2013.01)

Cited by  
TWI419770B; TWI457208B

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004003695 A2 20040108; WO 2004003695 A3 20040624**; AT E528481 T1 20111015; AU 2003247812 A1 20040119; AU 2003247812 A8 20040119; CA 2494562 A1 20040108; CN 1678812 A 20051005; EP 1532344 A2 20050525; EP 1532344 A4 20070613; EP 1532344 B1 20111012; MX PA05000187 A 20050715

DOCDB simple family (application)  
**US 0320426 W 20030627**; AT 03762179 T 20030627; AU 2003247812 A 20030627; CA 2494562 A 20030627; CN 03820386 A 20030627; EP 03762179 A 20030627; MX PA05000187 A 20030627