

Title (en)  
TOOL HOLDER

Title (de)  
WERKZEUGHALTER

Title (fr)  
PORTE-OUTIL

Publication  
**EP 1509149 A1 20050302 (EN)**

Application  
**EP 03738812 A 20030603**

Priority  
• SE 0300914 W 20030603  
• SE 0201688 A 20020603

Abstract (en)  
[origin: WO03101322A1] Present invention relates to a rotary tool holder comprising a holder for fixing a tool (6) and a moment defining and rotary detaching unit. The moment defining and rotary detaching unit comprises a magnetic based torque sensor (1), connected to a circuit that compares a first outgoing torque related signal with a second outgoing torque related, and/or produce a first and a second outgoing torque related signal. The tool holder is arranged to stop the rotation of the tool holder at a maximum achieved torque.

IPC 1-7  
**A61B 17/88; B25B 23/147**

IPC 8 full level  
**A61B 17/16** (2006.01); **A61B 17/88** (2006.01); **B25B 23/14** (2006.01); **B25B 23/147** (2006.01); **A61B 19/00** (2006.01)

CPC (source: EP)  
**A61B 17/1626** (2013.01); **A61B 17/8875** (2013.01); **B25B 23/14** (2013.01); **B25B 23/147** (2013.01); **A61B 2090/031** (2016.02);  
**A61B 2090/064** (2016.02)

Citation (search report)  
See references of WO 03101322A1

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 03101322 A1 20031211**; AU 2003246205 A1 20031219; EP 1509149 A1 20050302; SE 0201688 D0 20020603; SE 0201688 L 20031204;  
SE 524192 C2 20040706

DOCDB simple family (application)  
**SE 0300914 W 20030603**; AU 2003246205 A 20030603; EP 03738812 A 20030603; SE 0201688 A 20020603