

Title (en)

ANGLE-HEAD SCREWDRIVING TOOL INCORPORATING A TORQUE SENSOR MOUNTED ON THE OUTPUT SHAFT, AND CORRESPONDING TRANSMISSION MODULE

Title (de)

WINKELKOPF-SCHRAUBENDREHWERKZEUG MIT EINEM AN DER AUSGANGSWELLE ANGEBRACHTEN DREHMOMENTSENSOR UND ENTSPRECHENDES KRAFTÜBERTRAGUNGSMODUL

Title (fr)

OUTIL DE VISSAGE A TETE D'ANGLE, INCLUANT UN CAPTEUR DE COUPLE MONTE SUR L'ARBRE DE SORTIE, ET MODULE DE TRANSMISSION CORRESPONDANT

Publication

EP 1954447 A1 20080813 (FR)

Application

EP 06830243 A 20061130

Priority

- EP 2006069145 W 20061130
- FR 0512212 A 20051201

Abstract (en)

[origin: WO2007063106A1] The subject of the invention is a screwdriving tool comprising: - a drive shaft; - an angle head (5) comprising an output shaft (51) whose axis of rotation (511) is approximately orthogonal to the axis of said drive shaft (4); - transmission means connecting said drive shaft (4) to said output shaft (51); - and at least one torque sensor built into said output shaft (51); said tool being characterized in that said transmission means comprise at least one intermediate gear (6) whose axis is approximately parallel to said output shaft (51) and which engages with a gear (512) designed to turn said output shaft (51), and at least one bevel coupling (2) connecting, directly or indirectly, said drive shaft (4) to said intermediate gear or gears (6).

IPC 8 full level

B25B 13/48 (2006.01); **B25B 21/00** (2006.01)

CPC (source: EP US)

B25B 13/481 (2013.01 - EP US); **B25B 21/00** (2013.01 - EP US); **B25B 21/002** (2013.01 - EP US)

Citation (search report)

See references of WO 2007063106A1

Designated contracting state (EPC)

DE FR GB SE

DOCDB simple family (publication)

WO 2007063106 A1 20070607; EP 1954447 A1 20080813; EP 1954447 B1 20121121; FR 2894172 A1 20070608; FR 2894172 B1 20080208; JP 2009517234 A 20090430; JP 5184368 B2 20130417; US 2010269646 A1 20101028

DOCDB simple family (application)

EP 2006069145 W 20061130; EP 06830243 A 20061130; FR 0512212 A 20051201; JP 2008542767 A 20061130; US 9566706 A 20061130