

Title (en)
Rotatable display of a torque wrench

Title (de)
Drehbare Anzeige eines Drehmomentschlüssels

Title (fr)
Affiche rotative d'une clé dynamométrique

Publication
EP 2415560 A3 20140219 (DE)

Application
EP 11005466 A 20110705

Priority
DE 202010011064 U 20100805

Abstract (en)
[origin: EP2415560A2] The spanner (1) has a digital display (5) e.g. LED display, displaying an indicated value (12). The display is arranged on a shaft (2) in a region of a handle (3). The indicated value is set as a torque value (11) that represents preset torque and currently applied torque. The indicated value is rotated at an angle around 180 degrees by an input at an adjusting unit (7). An angle measuring device determines rotation of the indicated value in the display. A gyro-sensor is provided for adjusting a display position.

IPC 8 full level
B25B 23/142 (2006.01)

CPC (source: EP)
B25B 23/1425 (2013.01)

Citation (search report)

- [A] EP 2055434 A1 20090506 - TAKAHASHI ATSUSHI [JP]
- [A] WO 0078508 A2 20001228 - CODRINGTON ERNEST RICHARDSON [CA]

Cited by
US11014183B2; US10482788B2; US11241754B2; US10913126B2; US10307853B2; US10417935B2; US10239147B2; US10373517B2; US9862049B2; US10204406B2; US11192199B2; US10490098B2; US11127313B2; US11247289B2; US10665128B2; US10839718B2; US11423800B2; US11749133B2; US9724787B2; US10593230B2; US11594148B2; US11776423B2; US10417934B2; US10657839B2; US11081020B2; US11482131B2; US10210773B2; US10373304B2; US10438505B2; US10964229B2; US11288978B2; US11462124B2; US11676509B2; US9875665B2; US9937578B2; US10402959B2; US10427239B2; US10861345B2; US11127133B2; US11475785B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 202010011064 U1 20101021; CN 102371564 A 20120314; EP 2415560 A2 20120208; EP 2415560 A3 20140219; EP 2415560 B1 20160518; TW 201213063 A 20120401; TW I441718 B 20140621

DOCDB simple family (application)
DE 202010011064 U 20100805; CN 201110221417 A 20110804; EP 11005466 A 20110705; TW 100127810 A 20110804