Title (en)
TORQUE TOOL USING COLORS FOR IDENTIFICATION

Title (de)
DREHMOMENTWERKZEUG MIT FARBEN ZUR IDENTIFIZIERUNG

Title (fr)
OUTIL DE COUPLE UTILISANT DES COULEURS POUR L'IDENTIFICATION

Publication
EP 4088867 A1 20221116 (EN)

Application
EP 21173163 A 20210510

Priority
EP 21173163 A 20210510

Abstract (en)
A torque tool includes multiple bits, a handle, a pointer and a scale ring. Each of the bits includes a colored area. In use, the handle is connected to a selected one of the bits. The handle is operable to set multiple maximum values of torque transferable to the bit from the handle corresponding to the colored areas of the bits. The pointer is formed on the handle. The scale ring includes multiple colored areas corresponding to the colored areas of the bits. The scale ring is rotated around the handle as the handle is operated to set the maximum values of torque, thereby aligning the pointer with one of the colored areas of the scale ring corresponding to the colored area of a selected one of the bits.

IPC 8 full level
B25B 23/142 (2006.01); B25B 13/56 (2006.01); B25B 15/02 (2006.01); B25B 23/00 (2006.01)

CPC (source: EP)
B25B 13/56 (2013.01); B25B 15/02 (2013.01); B25B 23/0007 (2013.01); B25B 23/0035 (2013.01); B25B 23/1427 (2013.01)

Citation (applicant)
- US 4982627 A 19910108 - JOHNSON KEN A [US]
- CN 2118617 U 19921014 - SU JINSHAN [CN]
- US 7836781 B1 20101123 - CHEN XUAN-REN [TW]

Citation (search report)
- [A] US 1519800 A 19241216 - GEORGES RIFFLARD
- [A] DE 202020101486 U1 20200326 - HUANG CHUN PO [TW]
- [A] US 2011179917 A1 20110728 - LAI JIN-TSAI [TW]
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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

Designated validation state (EPC)
KH MA MD TN

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