

Title (en)
Wrench with a quickly rotatable driving head

Title (de)
Schlüssel mit schnell drehbarem Abtriebskopf

Title (fr)
Clé avec tête d'entraînement rotative rapide

Publication
EP 2537637 A1 20121226 (EN)

Application
EP 11005060 A 20110621

Priority
EP 11005060 A 20110621

Abstract (en)
A wrench with a quick rotatable driving head includes a handle (40), a driving head (50) and a quick-disengaging unit (60). The quick-disengaging unit is composed of a fixing member (61) secured with the driving head, an operating member (62) inserted through the handle and fitted around the fixing member, and a restraining element (64) transversely provided between the fixing member and the operating member and the handle. The handle and the driving head can be separated by the quick-disengaging unit so that the driving head, with the quick-disengaging unit acting as a pivot, can quickly screw or unscrew a thread locking member, and the operating member can be restrictedly positioned on the fixing member by the restraining element, able to prevent the handle and the driving head from separating.

IPC 8 full level
B25B 13/46 (2006.01); **B25B 13/48** (2006.01); **B25G 1/06** (2006.01); **F16C 11/04** (2006.01); **F16C 11/10** (2006.01)

CPC (source: EP)
B25B 13/461 (2013.01); **B25B 13/481** (2013.01); **B25B 23/0028** (2013.01); **B25G 1/063** (2013.01)

Citation (search report)
• [A] US 2005044994 A1 20050303 - HSIEN CHIH-CHING [TW]
• [A] US 2007163403 A1 20070719 - HSIEH CHIH-CHING [TW]
• [A] US 2006137491 A1 20060629 - CHEN TERENCE [TW]
• [A] DE 202009006444 U1 20090716 - SCHMITZ & SOEHNE GMBH & CO KG [DE]

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 202012005567 U1 20120709; EP 2537637 A1 20121226

DOCDB simple family (application)
DE 202012005567 U 20120605; EP 11005060 A 20110621