

Title (en)
Rotation locking mechanism

Title (de)
Verdrehsicherung

Title (fr)
Dispositif empêchant la rotation

Publication
EP 1231026 A3 20040211 (EN)

Application
EP 02250869 A 20020208

Priority
• GB 0103372 A 20010210
• GB 0130879 A 20011224

Abstract (en)
[origin: EP1231026A2] A rotation locking mechanism for locking the rotatable torque adjuster of an adjustable torque wrench against unwanted rotation while permitting wanted rotation for intended torque adjustment. The rotation locking mechanism of the present invention has a selectively rotatable component for locking against unwanted rotation thereof while permitting wanted rotation thereof, the rotatable component comprising rotation application means for selective application of wanted rotation to the rotatable component by external engagement with the rotation application means, the rotation locking mechanism comprising clutch means coupling the rotatable component to a rotation anchor by way of the clutch means, the clutch means being normally engaged to clutch the rotatable component to the rotation anchor whereby to anchor the rotatable component against unwanted rotation and the clutch means being able to temporarily disengage to unlock the rotatable component for intended rotation. <IMAGE>

IPC 1-7
B25B 23/14; **B25B 23/142**; **F16B 1/04**

IPC 8 full level
B25B 23/142 (2006.01)

CPC (source: EP)
B25B 23/1427 (2013.01)

Citation (search report)
• [X] US 3581606 A 19710601 - GRABOVAC BOSCO
• [X] US 6095020 A 20000801 - RINNER JAMES A [US]
• [X] US 4063474 A 19771220 - KLOPPING NORMAN CONRAD
• [X] US 5546816 A 19960820 - JANSSON CONNY [SE], et al

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1231026 A2 20020814; **EP 1231026 A3 20040211**

DOCDB simple family (application)
EP 02250869 A 20020208