

Title (en)
NUT FOR A MOMENT SCREW

Title (de)
MUTTER FÜR EINE DREHMOMENTSCHRAUBE

Title (fr)
ECROU POUR VIS À COUPLE

Publication
EP 2454495 A4 20121219 (EN)

Application
EP 10799482 A 20100715

Priority
• FI 2010050597 W 20100715
• FI 20095798 A 20090717

Abstract (en)
[origin: WO2011007052A1] The present invention relates to a nut (6) for a moment screw, comprising an upper torsion member (1), a lower clamping member (2) of the same material with the torsion member (1). A weakening groove (3) is between the torsion member and the clamping member, the weakening part (3) being dimensioned so as to establish a fraction point between the torsion member and the clamping member as a given torque occurs between the torsion member and the clamping member. The lower clamping member (2) has its thread (4) continue across the fraction point (3) of the nut (6) to a bottom edge or bottom part of the torsion member (1).

IPC 8 full level
F16B 31/02 (2006.01); **F16B 33/00** (2006.01); **F16B 39/286** (2006.01)

CPC (source: EP FI)
F16B 31/00 (2013.01 - FI); **F16B 31/021** (2013.01 - EP); **F16B 33/00** (2013.01 - FI); **F16B 39/286** (2013.01 - EP)

Citation (search report)
• [X] US 2001018014 A1 20010830 - ITO KATSUO [JP]
• [X] US 2380994 A 19450807 - PUMMILL EDWIN W
• [X] GB 672396 A 19520521 - GRIP NUT CO
• [X] US 3512447 A 19700519 - VAUGHN RUDOLPH MARION
• [X] US 3727254 A 19730417 - TILDESLEY J
• [X] DE 19859208 A1 19990701 - NAGAYAMA DENSHI KOGYO KK [JP]
• See references of WO 2011007052A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011007052 A1 20110120; EP 2454495 A1 20120523; EP 2454495 A4 20121219; FI 20095798 A0 20090717; FI 20095798 A 20110118; RU 2012105535 A 20130827

DOCDB simple family (application)
FI 2010050597 W 20100715; EP 10799482 A 20100715; FI 20095798 A 20090717; RU 2012105535 A 20100715