

Title (en)
ROLLER BEARER FASTENING

Title (de)
WALZENLAGERBEFESTIGUNG

Title (fr)
FIXATION DE PALIER DE LAMINOIR

Publication
EP 2464878 A1 20120620 (DE)

Application
EP 10745159 A 20100810

Priority
• DE 102009037273 A 20090812
• EP 2010004881 W 20100810

Abstract (en)
[origin: WO2011018205A1] In a fastening system of a roller bearing, comprising a bearing unit (3) which has a roll pin (1) that is mounted in a roll pin bearing (8) therein and a threaded nut (9) that engages in a thread formed on the roll pin (1) or a tensioning anchor (5) fastened therein and fixes the bearing unit (3) on the roll pin (1), a solution is to be created that improves the self-locking anti-turn mechanism of a threaded nut holding a roll pin bearing in place. According to the invention, a bendable and movable partial section (9a) is formed on the threaded nut (9), which section can be moved, particularly bent, relative to the remaining part (9b) of the threaded nut (9) into a position creating surface pressure (15b, 16b) that acts opposite the remaining thread engagement of the threaded nut (9) in the thread.

IPC 8 full level
F16C 13/02 (2006.01); **B21B 31/07** (2006.01); **F16C 35/063** (2006.01)

CPC (source: EP US)
F16C 13/02 (2013.01 - EP US); **F16C 35/063** (2013.01 - EP US); **B21B 31/07** (2013.01 - EP US); **F16C 2300/14** (2013.01 - EP US); **F16C 2322/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2011018205A1

Citation (examination)
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• US 5609456 A 19970311 - JOKI MARK A [US]
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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 SE SI SK SM TR

DOCDB simple family (publication)
DE 102009037273 A1 20110217; CN 102472316 A 20120523; EP 2464878 A1 20120620; RU 2490522 C1 20130820; US 2012134617 A1 20120531; WO 2011018205 A1 20110217

DOCDB simple family (application)
DE 102009037273 A 20090812; CN 201080036211 A 20100810; EP 10745159 A 20100810; EP 2010004881 W 20100810; RU 2012102431 A 20100810; US 201013388444 A 20100810