

Title (en)  
ONE-PIECE SELF-LOCKING NUT

Title (de)  
EINTEILIGE SELBSTSICHERNDE MUTTER

Title (fr)  
ÉCROU AUTOBLOQUANT MONOBLOC

Publication  
**EP 3365126 A4 20190522 (EN)**

Application  
**EP 16857932 A 20160727**

Priority  
• US 201514918035 A 20151020  
• US 2016044292 W 20160727

Abstract (en)  
[origin: WO2017069826A1] A self-locking nut includes a main-nut body and a deformable-nut body. The main-nut body has a recess leading into an interior threaded bore forming x turns of an internal thread therein. The deformable-nut body has an outer flange and an interior threaded bore forming y turns of an internal thread therein. The outer flange of the deformable-nut body is fixed to the main-nut body such that a relief space is formed between the deformable-nut body and the recess. A ratio of x:y is about 2:1.

IPC 8 full level  
**B21K 1/70** (2006.01); **F16B 39/12** (2006.01); **F16B 39/34** (2006.01); **F16B 39/38** (2006.01)

CPC (source: EP)  
**F16B 39/122** (2013.01); **F16B 39/34** (2013.01); **F16B 39/38** (2013.01)

Citation (search report)  
[X1] US 1838605 A 19311229 - WILLIAM YOULTEN

Citation (examination)  
• GB 2287764 A 19950927 - LYONS KEITH [GB]  
• US 915830 A 19090323 - CRAVEN JAMES F [US]  
• See also references of WO 2017069826A1

Cited by  
CN109519461A

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

DOCDB simple family (publication)  
**WO 2017069826 A1 20170427**; CA 2967052 A1 20170427; CA 2967052 C 20230905; CN 107073557 A 20170818; CN 107073557 B 20210108; EP 3365126 A1 20180829; EP 3365126 A4 20190522

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