

Title (en)
SHAPED RING NUT

Title (de)
FORMRINGMUTTER

Title (fr)
ÉCROU À BAGUE FAÇONNÉE

Publication
EP 3652455 A4 20210324 (EN)

Application
EP 18832552 A 20180713

Priority
• PL 42221317 A 20170714
• IB 2018055191 W 20180713

Abstract (en)
[origin: WO2019012491A1] The subject matter of the invention is a shaped ring nut dedicated to bolt connections used to connect machine and device elements. According to the invention, the essence of the solution lies in the fact that on one side on the frontal surface, the nut has an additional ring of any external shape allowing the elimination of the degree of freedom being the rotation of the nut around its own axis. An additional ring of any shape is installed in a shaped hole made in one of the connected elements. The outer shape of the additional ring is any regular polygon, in particular a triangle, a quadrangle, a pentagon, a hexagon, an irregular polygon, a star polygon or the outer shape of the additional ring is any oval.

IPC 8 full level
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CPC (source: EP)
F16B 33/002 (2013.01); **F16B 37/04** (2013.01); **F16B 39/34** (2013.01)

Citation (search report)
• [X] US 8876066 B1 20141104 - RICHARDS PETER S [US]
• [X] JP H0716018 U 19950317
• [A] US 1946800 A 19340213 - MACLEAN JOHN A
• [A] GB 1372177 A 19741030 - HOLDEN CO BHAM LTD E
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• See references of WO 2019012491A1

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

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