

Title (en)
LOCKING THREADED FASTENER

Title (de)
GEWINDEBOLZEN MIT ARRETIERUNG

Title (fr)
ÉLÉMENT DE FIXATION FILETÉ DE VERROUILLAGE

Publication
EP 2812587 A1 20141217 (EN)

Application
EP 12821086 A 20121221

Priority
• US 201213359942 A 20120127
• US 2012071114 W 20121221

Abstract (en)
[origin: WO2013112254A1] A locking fastener includes a fastener body (42), a locking band (44) within the fastener body, and a retainer (96) secured to the fastener body to retain the locking band within the fastener body. The locking band includes first and second tangs (72, 74) that fit within recesses (62, 64) in the fastener body to limit angular movement of the tangs. The tangs and the recesses are dimensioned to control the torque required to remove the fastener from a threaded member. The retainer defines a central circular hole corresponding to the diameter of a threaded member on which the fastener is mounted.

IPC 8 full level
F16B 39/20 (2006.01)

CPC (source: EP)
F16B 39/20 (2013.01)

Citation (search report)
See references of WO 2013112254A1

Citation (examination)
US 1830920 A 19311110 - AUGUST SUNDH

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
WO 2013112254 A1 20130801; AU 2012367224 A1 20140814; AU 2012367224 B2 20151203; CA 2860760 A1 20130801; CA 2860760 C 20160126; CN 104204561 A 20141210; CN 104204561 B 20170301; EP 2812587 A1 20141217; JP 2015508482 A 20150319; JP 5745193 B2 20150708; NZ 627600 A 20150626; ZA 201405531 B 20150930

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US 2012071114 W 20121221; AU 2012367224 A 20121221; CA 2860760 A 20121221; CN 201280068074 A 20121221; EP 12821086 A 20121221; JP 2014554722 A 20121221; NZ 62760012 A 20121221; ZA 201405531 A 20140725