

Title (en)  
A LOCKING MECHANISM

Title (de)  
SPERRMECHANISMUS

Title (fr)  
MÉCANISME DE VERROUILLAGE

Publication  
**EP 3060733 A4 20170621 (EN)**

Application  
**EP 14855852 A 20140930**

Priority  
• ZA 201308360 A 20131023  
• ZA 2014000055 W 20140930

Abstract (en)  
[origin: WO2015061811A2] A locking mechanism 10 comprising a spring loaded member 11 having a body 12 and a locking pin 14 which is configured to engage an aperture 18 defined by a surface 19. The locking pin 14 is biased to an engaged position by a spring and the locking mechanism includes a key which is configured to retract the locking pin 14 through translation of torque and rotational motion on the key 34 by a user into a linear force on the spring loaded member 11. The action of the key 34 caused said locking pin 14 to disengage from the aperture 18 defined by the surface 19 and to remain in a disengaged position while the key 34 is engaged with the threaded surface of the body 12.

IPC 8 full level  
**B65D 90/22** (2006.01); **E05B 35/06** (2006.01); **E05B 83/02** (2014.01); **E05C 1/02** (2006.01); **F16B 5/02** (2006.01); **F16B 39/12** (2006.01); **F16B 39/16** (2006.01)

CPC (source: EP)  
**E05B 35/06** (2013.01); **E05C 1/02** (2013.01)

Citation (search report)  
• [XYI] DE 805012 C 19510504 - LUDWIG BOEDDECKER  
• [YA] WO 2008018031 A2 20080214 - COIN SECURITY GROUP PTY LTD [ZA], et al  
• [A] US 541159 A 18950618  
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• [A] US 2537049 A 19510109 - GLATT CHARLES J  
• See references of WO 2015061811A2

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 2015061811 A2 20150430; WO 2015061811 A3 20150820**; AP 2016009177 A0 20160430; BR 112016009091 A2 20201027; EP 3060733 A2 20160831; EP 3060733 A4 20170621; EP 3060733 B1 20190911

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