

Title (en)  
Locking tool

Title (de)  
Verschließwerkzeug

Title (fr)  
Outil de fermeture

Publication  
**EP 2497744 A3 20130724 (DE)**

Application  
**EP 12151923 A 20120120**

Priority  
DE 102011005306 A 20110309

Abstract (en)  
[origin: EP2497744A2] The tool (5) has a gripping unit applying holding force to a closure (2) and provided with a permanent magnetic actuator that is utilized for applying the holding force. The gripping unit includes a set of gripping members linearly moved relative to each other, where the gripping members are pivoted around an axis in gripping- and release positions. The permanent magnetic actuator includes a linear or radial combination of magnets, where the holding force is applied or released by displacement of the magnets relative to one another.

IPC 8 full level  
**B67B 3/20** (2006.01)

CPC (source: EP US)  
**B67B 3/2066** (2013.01 - EP US); **B67B 3/268** (2013.01 - EP); **B67B 2201/08** (2013.01 - EP); **Y10S 7/901** (2013.01 - US);  
**Y10T 279/23** (2015.01 - EP US)

Citation (search report)

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- [A] EP 1908725 A1 20080409 - AROL SPA [IT]

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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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2497744 A2 20120912; EP 2497744 A3 20130724; EP 2497744 B1 20141224**; CN 102674219 A 20120919; CN 102674219 B 20150211;  
DE 102011005306 A1 20120913; SI 2497744 T1 20150430; US 2012227355 A1 20120913; US 9388031 B2 20160712

DOCDB simple family (application)  
**EP 12151923 A 20120120**; CN 201210062194 A 20120309; DE 102011005306 A 20110309; SI 201230153 T 20120120;  
US 201213404417 A 20120224