

Title (en)

Device for locking and unlocking a cover or cap on a frame with a key

Title (de)

Einrichtung zum Auf- und Abriegeln eines Deckels bzw. einer Kappe auf einem Rahmen mittels eines Schlüssels

Title (fr)

Dispositif de verrouillage et déverrouillage avec clé d'un tampon ou couvercle sur un cadre

Publication

**EP 1621679 A1 20060201 (FR)**

Application

**EP 05291346 A 20050623**

Priority

FR 0408462 A 20040730

Abstract (en)

The device has a bolt forming unit integrated to a cap (1) and having a rod (12) terminated by a free hook end (12a) engaged under a rigid rib or leg of a strike (2a) of a frame (2) to lock the cap with the frame. A key (3) has a pin (8) to space the rod for disengaging its end from the rib or leg when the key is introduced in cap's opening (4) and rotated at an angle around a longitudinal axis of an arm of the key to unlock the cap.

IPC 8 full level

**E02D 29/14** (2006.01); **E05B 35/00** (2006.01)

CPC (source: EP US)

**E02D 29/1427** (2013.01 - EP US); **Y10S 292/11** (2013.01 - EP US); **Y10T 70/558** (2015.04 - EP US); **Y10T 70/5584** (2015.04 - EP US); **Y10T 292/0948** (2015.04 - EP US)

Citation (search report)

- [X] US 6182482 B1 20010206 - ISSITT NICHOLAS [US]
- [A] DE 29721996 U1 19990415 - GISBERT BRINKSCHULTE G M B H & [DE]
- [A] EP 0808951 A1 19971126 - NORINCO [FR]

Cited by

FR3018293A1; FR2941471A1; RU2496945C2; US2019345740A1; EP2312064A1; US8511930B2; WO2010086539A1; WO2007119048A1; WO2015136175A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1621679 A1 20060201**; AR 050999 A1 20061213; AU 2005203181 A1 20060216; BR PI0503225 A 20070313; CA 2512698 A1 20060130; CN 1749489 A 20060322; EC SP055925 A 20051122; EG 23892 A 20071212; FR 2873726 A1 20060203; FR 2873726 B1 20061124; JP 2006046066 A 20060216; MA 27733 A1 20060201; MX PA05007728 A 20060201; NO 20053692 D0 20050729; NO 20053692 L 20060131; OA 13097 A 20061110; SG 119344 A1 20060228; TN SN05185 A1 20070611; US 2006021396 A1 20060202; US 7377141 B2 20080527

DOCDB simple family (application)

**EP 05291346 A 20050623**; AR P050103175 A 20050729; AU 2005203181 A 20050721; BR PI0503225 A 20050729; CA 2512698 A 20050721; CN 200510085325 A 20050722; EC SP055925 A 20050720; EG 2005070345 A 20050728; FR 0408462 A 20040730; JP 2005218976 A 20050728; MA 28410 A 20050726; MX PA05007728 A 20050720; NO 20053692 A 20050729; OA 1200500209 A 20050727; SG 200504716 A 20050723; TN SN05185 A 20050729; US 19165205 A 20050728