

Title (en)

Apparatus for locking a cover on a frame

Title (de)

Einrichtung zur Verriegelung eines Deckels auf einem Rahmen

Title (fr)

Dispositif de verrouillage d' un tampon sur un cadre

Publication

EP 1662052 B1 20080109 (FR)

Application

EP 05292418 A 20051115

Priority

FR 0412686 A 20041130

Abstract (en)

[origin: EP1662052A1] The device has a metallic washer (9) interposed between screw heads (4) and plane sides (7) formed at the bottom of housings (5) of a cover (2). The washer has two radial wings cooperating with parallel inner sides (13) of the housings forming stoppers and preventing the rotation of the washer during the tightening of fastening screws (3). A threaded end (10a) of each screw is screwed in a nut (17) confined in a housing (16).

IPC 8 full level

E02D 29/14 (2006.01)

CPC (source: EP US)

E02D 29/1427 (2013.01 - EP US); **Y10S 411/91** (2013.01 - EP)

Cited by

EP2186946A3; CN102619860A; FR2903434A1; CN111816243A; US7770260B2; WO2008017770A3

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1662052 A1 20060531; **EP 1662052 B1 20080109**; AT E383472 T1 20080115; AU 2005237104 A1 20060615; AU 2005237104 B2 20101021; CA 2527610 A1 20060530; CA 2527610 C 20100810; CN 1783349 A 20060607; DE 602005004245 D1 20080221; DE 602005004245 T2 20090108; FR 2878539 A1 20060602; FR 2878539 B1 20081010; SG 122934 A1 20060629; US 2006134999 A1 20060622; US 7455474 B2 20081125

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EP 05292418 A 20051115; AT 05292418 T 20051115; AU 2005237104 A 20051123; CA 2527610 A 20051118; CN 200510001714 A 20050114; DE 602005004245 T 20051115; FR 0412686 A 20041130; SG 200507521 A 20051126; US 28463305 A 20051122