

Title (en)

Hatch cover or closing flap for a fighting vehicle with a locking device

Title (de)

Lukendeckel oder Verschlussklappe für Kampffahrzeuge mit einer Verriegelungsvorrichtung

Title (fr)

Panneau d'écouille ou volet de fermeture pour véhicule de combat avec dispositif de verrouillage

Publication

EP 1621708 B1 20081217 (DE)

Application

EP 05013651 A 20050624

Priority

DE 102004036612 A 20040728

Abstract (en)

[origin: EP1621708A2] The swing hatch cover (2), especially for an armored fighting vehicle, is on a hinged mounting at the hatch opening (1.2) in the housing (1). A number of locks (3.1-3.4) are distributed around the edge of the cover to work with lock units (4.1-4.8) at the rim of the hatch opening. The cover locks are mounted to a sliding component within a guide (8) around the cover edge, with a longitudinal sliding movement when operated by a lever (5) to move them simultaneously between locked and released settings.

IPC 8 full level

E05C 9/06 (2006.01); **F41H 5/22** (2006.01); **E05B 17/00** (2006.01); **E05B 53/00** (2006.01)

IPC 8 main group level

F41H (2006.01)

CPC (source: EP US)

E05B 79/20 (2013.01 - EP US); **E05B 83/01** (2013.01 - EP US); **E05C 9/063** (2013.01 - EP US); **E05C 9/24** (2013.01 - EP US); **F41H 5/223** (2013.01 - EP US); **E05B 17/0025** (2013.01 - EP US); **E05B 17/0029** (2013.01 - EP US)

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 1621708 A2 20060201; **EP 1621708 A3 20060719**; **EP 1621708 B1 20081217**; AT E417981 T1 20090115; DE 102004036612 A1 20060323; DE 502005006253 D1 20090129; ES 2319780 T3 20090512; NO 20053327 D0 20050707; NO 20053327 L 20060130; NO 330593 B1 20110523; US 2006021543 A1 20060202

DOCDB simple family (application)

EP 05013651 A 20050624; AT 05013651 T 20050624; DE 102004036612 A 20040728; DE 502005006253 T 20050624; ES 05013651 T 20050624; NO 20053327 A 20050707; US 19153605 A 20050728