

Title (en)

VEHICLE STORAGE DEVICE HAVING A HINGED LID PROVIDED WITH A SAFETY MECHANISM TO PREVENT UNINTENTIONAL OPENING THEREOF IN THE EVENT OF AN IMPACT

Title (de)

FAHRZEUGVERSTAUVORRICHTUNG MIT EINEM KLAPPDECKEL MIT SICHERHEITSMCHANISMUS ZUR VERHINDERUNG DES UNBEABSICHTIGTEN ÖFFNENS IM FALLE EINES AUFPRALLS

Title (fr)

DISPOSITIF DE RANGEMENT À COUVERCLE PIVOTANT POUR VÉHICULE DOTÉ D'UN MÉCANISME DE SÉCURITÉ CONTRE L'OUVERTURE NON INTENTIONNELLE EN CAS DE CHOC

Publication

EP 4377537 A1 20240605 (FR)

Application

EP 22744261 A 20220621

Priority

- FR 2108186 A 20210728
- FR 2022051210 W 20220621

Abstract (en)

[origin: WO2023007065A1] The invention relates to a vehicle storage device comprising a lid (20) mounted so as to pivot about a first transverse axis on a housing (10) between open and closed positions, wherein first resilient means return the lid to the open position, a push-push mechanism capable of locking the lid in the closed position, as well as a safety mechanism comprising a pendulum (36) mounted so as to pivot about a second transverse axis (C) on the housing and comprising a locking member (38) provided to co-operate in abutment with an element (39) of the lid when the housing is subjected to an acceleration in a longitudinal direction so as to prevent the unintentional opening of the lid, the safety mechanism also comprising second resilient means (40) that return the pendulum to a rest position in which it bears against a first abutment (42) provided on the housing.

IPC 8 full level

E05B 77/06 (2014.01); **E05B 77/36** (2014.01); **E05B 83/32** (2014.01)

CPC (source: EP)

E05B 77/06 (2013.01); **E05B 77/36** (2013.01); **E05B 83/32** (2013.01); **E05C 19/022** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3125840 A1 20230203; EP 4377537 A1 20240605; WO 2023007065 A1 20230202

DOCDB simple family (application)

FR 2108186 A 20210728; EP 22744261 A 20220621; FR 2022051210 W 20220621