Title (en)

Luggage compartment locking mechanism with a handle operable in unloaded state

Title (de)

Schließmechanismus für Gepäckfach mit in unbeladenem Zustand bedienbarem Griff

Title (fr)

Mécanisme de verrouillage de compartiment à valises doté d'une poignée pouvant être manipulée à l'état déchargé

Publication

EP 2325423 A1 20110525 (EN)

Application

EP 09176562 A 20091119

Priority

EP 09176562 A 20091119

Abstract (en)

The present invention proposes locking mechanism body (11) with a housing (30) having a recess (13) within which a front handle body (14) extends in a manner to be rotatable to lock and unlock said locking mechanism. A transmission element (23) extending to the rear side of said front handle body (14) is joined to the front handle body so as to slidably drive a rear side actuator element on a guiding body (18), the actuator element being connected to a main rotary driver (24) by means of a connection lever. Said main rotary driver (24) is rotated by said connecting lever against the force of a restoring spring. It is connected to a plurality of flap locks (27). Said actuation member, on the other hand, drives a plurality of auxiliary drivers (30) by means of connections rods (31), which are in turn operating flap locks (27).

IPC 8 full level

E05B 65/20 (2006.01)

CPC (source: EP)

E05B 85/12 (2013.01)

Citation (applicant)

EP 1950367 A1 20080730 - MAKERSAN MAKINA OTOMOTIV SANAY [TR]

Citation (search report)
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- [A] US 2008134734 A1 20080612 - LEE KYEONG HO [KR]
- [A] EP 1057955 A1 20001206 - HAPPICH FAHRZEUG & IND TEILE [DE]
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- [AD] EP 1950367 A1 20080730 - MAKERSAN MAKINA OTOMOTIV SANAY [TR]

Cited by

US2022098904A1; US11879280B2; WO2020167265A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2325423 A1 20110525; **EP 2325423 B1 20130109**

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