

Title (en)
Device for closing and opening the access to a compartment

Title (de)
Einrichtung für das Schliessen und Öffnen eines Raumes

Title (fr)
Appareil pour l'ouverture et la fermeture d'un accès à un compartiment

Publication
EP 1826308 B1 20090624 (EN)

Application
EP 06425123 A 20060228

Priority
EP 06425123 A 20060228

Abstract (en)
[origin: EP1826308A1] Device for closing and opening the access (2) to a compartment (3), in which said access (2) is formed in a wall (1) of the structure of a machine, comprising a hatch (5) displaceable about a virtual axis of rotation (V-V) between a first position where it is arranged over the access (2) of the said compartment, causing closing thereof, and a second position, angularly displaced with respect to the first position, where the access (2) to the compartment is free, as well as resilient recall means (12) acting on said hatch (5). The hatch (5) is provided with a pair of feet (6, 7) which are integral with the inside wall (5b) and inserted inside respective openings (8, 9) and are slidable inside the latter following the angular displacements, said openings (8,9) acting as guides for the feet (6, 7). The resilient recall means (12) comprise parts (16, 17) each of which is engaged with the free end (10, 11) of a respective foot (6, 7) and presses against the said wall (1) of the machine when the hatch (5) is displaced into its second position where the access (2) to the compartment is free.

IPC 8 full level
D06F 37/10 (2006.01); **A47L 15/42** (2006.01); **E05F 1/12** (2006.01); **F24C 15/10** (2006.01)

CPC (source: EP US)
D06F 37/10 (2013.01 - EP US)

Cited by
EP2843102A1; EP2589698A1; CN109811515A; EP2905371A1; CN104831498A; CN107513847A; EP3276069A4; EP4001499A1; WO2019096218A1; US11807979B2

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 1826308 A1 20070829; EP 1826308 B1 20090624; DE 602006007434 D1 20090806

DOCDB simple family (application)
EP 06425123 A 20060228; DE 602006007434 T 20060228