

Title (en)

Openable flap, in particular exhaust gas flap

Title (de)

Öffenbare Klappe, insbesondere Rauchgas-Abzugs-Klappe

Title (fr)

Trappe ouvrable, en particulier trappe pour fumées

Publication

**EP 1398446 B1 20070214 (DE)**

Application

**EP 03016749 A 20030723**

Priority

DE 10240039 A 20020827

Abstract (en)

[origin: EP1398446A1] The hinged lid (5) has a hinge (6) at the top of the rear wall (4) of the frame (1) for the hatch. The hinge may allow the hatch to swing open through an angle of up to 140 degrees. There is a catch (8) releasable by a cord (7) opposite the hinge. A first powerful gas spring (12) lifts the end (13) of a lever (10) near the catch. The other end (11) is hinged near the hinge for the lid. A second weak gas spring (15) is hinged (16) between the center of the lever and a hinge point (17) on the lid.

IPC 8 full level

**E05F 15/04** (2006.01); **A62C 2/24** (2006.01); **E04D 13/035** (2006.01); **E05F 15/20** (2006.01); **E05F 1/00** (2006.01); **E05F 1/10** (2006.01)

CPC (source: EP US)

**E04D 13/0354** (2013.01 - EP US); **E05F 15/72** (2015.01 - EP US); **A62C 2/248** (2013.01 - EP US); **E05F 1/006** (2013.01 - EP US); **E05F 1/1091** (2013.01 - EP US); **E05Y 2201/416** (2013.01 - EP US); **E05Y 2201/422** (2013.01 - EP US); **E05Y 2800/22** (2013.01 - EP US); **E05Y 2800/244** (2013.01 - EP US); **E05Y 2900/154** (2013.01 - EP US)

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