

Title (en)
REAR OR FRONT LID HINGE OF A PASSENGER CAR

Publication
EP 0185246 B1 19890322 (DE)

Application
EP 85115362 A 19851204

Priority
DE 3445812 A 19841215

Abstract (en)
[origin: EP0185246A2] 1. A rear or front flap hinge of a passenger car, in which the edge (3) of the front or, more especially, the rear flap (1) near the adjacent window (2) of the passenger car is pivotable upwards and downwards on a hinge mounting plate (4) which is displaceable lengthwise of the vehicle in a guide, and gear means (toothed segment 6, pinion 7, lower rack 8) engaging the hinged plate (4) are located between the guide and the edge (3) of the flap pivoted to the hinge mounting plate (4) and are used to displace the hinge mounting plate (4) positively by a predetermined amount (a) when the flap (1) is pivoted upwards in the direction away from the window (2) and when the flap (1) is pivoted downwards in the direction towards the window, characterised in that the gear connection between the pinion (7) and the rack (8) is disengageable by means of a gap adjacent the rack (8) which enables the pinion (7) to freewheel, as a result of which the hinge mounting plate (4) is displaceable through an additional distance (b) by moving the pinion (7) in the direction away from the window (2).

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E05D 3/06

IPC 8 full level
E05D 3/02 (2006.01); **E05D 3/06** (2006.01); **E05D 3/18** (2006.01)

CPC (source: EP)
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Cited by
US7283897B2; DE102010007898A1; WO2011098110A1

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