Title (en)

FOLDING ROOF IN PARTICULAR FOR STATION WAGON, WITH PIVOTING AND SLIDING ELEMENTS

Title (de)

FALTDACH, INBESONDERE FÜR KOMBIWAGEN, MIT SCHWENK- UND GLEITELEMENTEN

Title (fr)

TOIT ESCAMOTABLE NOTAMMENT POUR VEHICULE DU TYPE BREAK, A ELEMENTS PIVOTANTS ET COULISSANTS

Publication

EP 1345785 A1 20030924 (FR)

Application

EP 01272056 A 20011205

Priority

• FR 0103845 W 20011205
• FR 0017033 A 20001226

Abstract (en)

[origin: WO02051659A1] The invention concerns a folding roof whereof the rear element (3) is linked in articulation near the rear upper edge (4) of the rear deck (5) so as to tilt forward inside the deck (5). The intermediate element (2) is linked in articulation to a pivoting arm (7) articulated to the body, in a point (8) located near the front upper edge (9) of the deck (5) and to a lever (10) articulated to said intermediate element (2) and to the rear element (3). The intermediate element (2) is linked to the front element (1) through an articulated lever (11). First linking means are provided for controlling the pivoting of the lever (11) to push the front element (1) along the slide rail (13) above the intermediate element (2), when said pivoting arm (7) pivots rearwards and second linking means being provided to control the tilting of the rear element (3) forward and towards the deck (5), when said pivoting arm (7) pivots rearwards.

IPC 1-7

B60J 7/02

IPC 8 full level

B60J 7/12 (2006.01); **B60J 7/02** (2006.01); **B60J 7/20** (2006.01)

CPC (source: EP US)

B60J 7/028 (2013.01 - EP US)

Citation (search report)

See references of WO 02051659A1

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

WO 02051659 A1 20020704; EP 1345785 A1 20030924; FR 2818592 A1 20020628; FR 2818592 B1 20030207; JP 2004525018 A 20040819; US 2004090082 A1 20040513; US 6830284 B2 20041214

DOCDB simple family (application)

FR 0103845 W 20011205; EP 01272056 A 20011205; FR 0017033 A 20001226; JP 2002552779 A 20011205; US 45167503 A 20030620