

Title (en)

PANE GUIDE FOR A LOWERABLE SPHERICALLY CURVED WINDOW PANE IN A VEHICLE DOOR

Title (de)

SCHEIBENFÜHRUNG FÜR EINE ABSENKBARE SPHÄRISCH GEKRÜMMTE FENSTERSCHEIBE IN EINER FAHRZEUGTÜR

Title (fr)

GUIDAGE POUR UNE VITRE A COURBURE SPHERIQUE POUVANT ETRE ABAISSEE, DANS UNE PORTIERE DE VEHICULE

Publication

**EP 0809747 B1 19980729 (DE)**

Application

**EP 96903889 A 19960213**

Priority

- DE 9600286 W 19960213
- DE 19504781 A 19950214

Abstract (en)

[origin: DE19504781C1] The invention concerns a pane guide for a spherically curved window pane which can be lowered in the door shaft of a vehicle door, forms part of a notional enveloping surface which is barrel-shaped along the vehicle's longitudinal axis, and can be introduced in the direction of the vehicle's longitudinal axis through a double-stranded cord window raiser mounted in the door shaft. The guide tracks have a first and a second curvature matching the pane curvature at right angles to the vehicle's direction of motion, so that an additional pivoting motion about a pivoting point (P, P', p", p''') situated at a distance from the leading edge (10r, 10r', 10r'', 10r''') of the pane (1, 1o, 1u, 1', 1'', 1''') along the X-direction, said additional pivoting motion keeping the pane's bottom edge parallel, is superimposed on the sliding motion of the pane (1, 1o, 1u, 1', 1'', 1'''). The notional barrel-shaped enveloping surface (2o, 2u) on which the pane (1, 1o, 1u, 1', 1'', 1''') slides pivots simultaneously in the sliding direction of the pane (1, 1o, 1u, 1', 1'', 1''') and, as the pane slides between the extreme positions, three points on the pane (1, 1o, 1u, 1', 1'', 1''') are always on the barrel-shaped envelope (2o, 2u) which is associated with the pane (1, 1o, 1u, 1', 1'', 1''') in one of the extreme positions.

IPC 1-7

**E05F 11/48**

IPC 8 full level

**B60J 1/17** (2006.01); **E05F 11/48** (2006.01)

CPC (source: EP KR US)

**E05F 11/48** (2013.01 - KR); **E05F 11/481** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (examination)

DE 3718840 C1 19880623 - AUDI AG

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

**DE 19504781 C1 19960822**; BR 9606952 A 19971028; CN 1071833 C 20010926; CN 1174586 A 19980225; DE 59600385 D1 19980903; EP 0809747 A1 19971203; EP 0809747 B1 19980729; ES 2122797 T3 19981216; IN 185471 B 20010203; JP H11500796 A 19990119; KR 100253989 B1 20000415; KR 19980702289 A 19980715; MX 9706215 A 19980228; US 5946860 A 19990907; WO 9625580 A1 19960822

DOCDB simple family (application)

**DE 19504781 A 19950214**; BR 9606952 A 19960213; CN 96191926 A 19960213; DE 59600385 T 19960213; DE 9600286 W 19960213; EP 96903889 A 19960213; ES 96903889 T 19960213; IN 255CA1996 A 19960212; JP 52458596 A 19960213; KR 19970705686 A 19970813; MX 9706215 A 19960213; US 89413597 A 19970812