

Title (en)

Vehicle door with a slidable window pane and corresponding vehicle

Title (de)

Fahrzeugtür mit verschiebbarer Fensterscheibe und entsprechendes Fahrzeug

Title (fr)

Porte de véhicule automobile à panneau vitré coulissant, et véhicule correspondant.

Publication

EP 1783310 A1 20070509 (FR)

Application

EP 06123586 A 20061107

Priority

FR 0511307 A 20051107

Abstract (en)

The door has a window panel (12) that is guided in sliding along a guiding rail (13) comprising bending zones (17). The panel has sliding and fixation elements (14, 15) that are integrated while presenting degree of freedom along axis perpendicular to axis of the rail so that the panel is maneuvered during its sliding from a blocking plane to a sliding plane and vice-versa. The degree of freedom is assured by an intermediate articulation piece between the sliding and fixation elements.

IPC 8 full level

E05F 11/38 (2006.01); **E05F 11/52** (2006.01)

CPC (source: EP)

E05F 11/525 (2013.01); **E05D 15/20** (2013.01); **E05D 2015/1055** (2013.01); **E05F 11/385** (2013.01); **E05F 2011/387** (2013.01); **E05Y 2900/55** (2013.01)

Citation (search report)

- [A] US 4935986 A 19900626 - CHURCH CLAIRE [US], et al
- [A] DE 19860746 A1 20000629 - BROSE FAHRZEUGTEILE [DE]
- [A] US 4788794 A 19881206 - MILLER LARRY D [US]
- [A] US 2003196383 A1 20031023 - FENELON PAUL J [US]
- [A] FR 2809447 A1 20011130 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
- [A] US 5120151 A 19920609 - FARRIS TIMOTHY M [US], et al

Citation (examination)

US 5099611 A 19920331 - KRACHT THOMAS F [US], et al

Cited by

WO2023169807A1

Designated contracting state (EPC)

DE

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1783310 A1 20070509; FR 2893074 A1 20070511; FR 2893074 B1 20081226

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