

Title (en)

Sliding window, in particular for a motor vehicle

Title (de)

Schiebefenster, insbesondere für ein Kraftfahrzeug

Title (fr)

Fenêtre coulissante, notamment pour un véhicule automobile

Publication

EP 1643064 A3 20120801 (DE)

Application

EP 05021302 A 20050929

Priority

DE 102004047629 A 20040930

Abstract (en)

[origin: EP1643064A2] The window has a drivable pinion that is supported at a fixed component. A rack is provided at a moving component and into which the pinion engages. The moving component flushes with the fixed component in a closed position of the window. The rack is made as a toothed cam and has a toothed arrangement with sections (17, 18) for the movement of the moving component along the fixed component and into the closed section.

IPC 8 full level

E05F 11/50 (2006.01); **E05F 11/42** (2006.01); **E05F 11/53** (2006.01); **E05F 15/16** (2006.01)

CPC (source: EP US)

E05F 11/423 (2013.01 - EP US); **E05F 11/525** (2013.01 - EP US); **E05F 11/535** (2013.01 - EP US); **E05F 15/638** (2015.01 - EP US);
E05F 15/689 (2015.01 - EP US); **E05Y 2201/726** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)

- [XYI] US 4920698 A 19900501 - FRIESE DONALD E [US], et al
- [Y] FR 2833209 A1 20030613 - WAGON AUTOMOTIVE SNC [FR]
- [Y] US 2001052240 A1 20011220 - KIM JONG-WHAL [KR], et al
- [Y] US 4260189 A 19810407 - PERIOU PIERRE, et al
- [A] DE 19703720 A1 19980723 - BROSE FAHRZEUGTEILE [DE]

Cited by

EP1837218A3; EP2251222A3; EP2277729A1; CN102802977A; EP2251222A2; US8769872B2; WO2010146185A3; WO2009149484A1;
EP3702567A1; IT201900002863A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1643064 A2 20060405; **EP 1643064 A3 20120801**; **EP 1643064 B1 20150408**; DE 102004047629 A1 20060413;
US 2006064934 A1 20060330; US 7509773 B2 20090331

DOCDB simple family (application)

EP 05021302 A 20050929; DE 102004047629 A 20040930; US 24185505 A 20050930