

Title (en)
WINDOW LIFT SYSTEM AND METHOD FOR FITTING A WINDOW PANE

Title (de)
FENSTERHEBERANORDNUNG UND VERFAHREN ZUR MONTAGE EINER FENSTERSCHEIBE

Title (fr)
ENSEMBLE LEVE-VITRE ET PROCEDE DE MONTAGE D'UNE VITRE

Publication
EP 1730374 A1 20061213 (DE)

Application
EP 05734874 A 20050401

Priority
• EP 2005003614 W 20050401
• DE 102004017645 A 20040402

Abstract (en)
[origin: WO2005095745A1] The invention relates to a window lift system, especially for the side window of a motor vehicle. The window lift system comprises a pulling device and a catch (2) for a window pane (3), which can be moved up and down by means of said pulling device. Said catch (2) has a first fastening point (7) for an upward pulling end (8) of the pulling device and a second fastening point (9) for a downward pulling end (10) of the pulling device, which point is horizontally off-set from the first fastening point (7) in the window pane plane when the window pane (3) is fitted. The window lift system also comprises means for positioning and fixating the catch (2) in terms of at least three degrees of freedom so that the catch (2) can be maintained in a position that is defined in terms of the degrees of freedom even when the window pane (3) is not yet fitted. The invention also relates to a door or side-panel module and to an automotive side door comprising such a window lift. The invention finally relates to a simplified method for fitting a window pane (3) in a corresponding window lift system.

IPC 8 full level
E05F 11/38 (2006.01); **E05F 11/48** (2006.01)

CPC (source: EP KR US)
B60J 1/17 (2013.01 - KR); **B60J 5/04** (2013.01 - KR); **E05F 11/38** (2013.01 - KR); **E05F 11/382** (2013.01 - EP US);
E05F 11/385 (2013.01 - EP US); **E05F 11/48** (2013.01 - KR); **E05F 11/486** (2013.01 - EP US); **E05F 2011/387** (2013.01 - EP US);
E05Y 2201/218 (2013.01 - EP US); **E05Y 2201/64** (2013.01 - EP US); **E05Y 2201/654** (2013.01 - EP US); **E05Y 2800/692** (2013.01 - EP US);
E05Y 2800/696 (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)
See references of WO 2005095745A1

Citation (examination)
• US 6088965 A 20000718 - FUKUMOTO RYOICHI [JP], et al
• FR 2781006 A1 20000114 - MERITOR LIGHT VEHICLE SYS LTD [FR]

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005095745 A1 20051013; BR PI0509060 A 20070821; CN 1961130 A 20070509; DE 102004017645 A1 20051103;
EP 1730374 A1 20061213; JP 2007530835 A 20071101; JP 5027650 B2 20120919; KR 101023289 B1 20110318; KR 20060129513 A 20061215;
RU 2006134335 A 20080510; RU 2361994 C2 20090720; US 2009000202 A1 20090101; US 8127495 B2 20120306

DOCDB simple family (application)
EP 2005003614 W 20050401; BR PI0509060 A 20050401; CN 200580010646 A 20050401; DE 102004017645 A 20040402;
EP 05734874 A 20050401; JP 2007505520 A 20050401; KR 20067019973 A 20050401; RU 2006134335 A 20050401; US 59373805 A 20050401