

Title (en)
WINDOW WINDING ARM DEVICE FOR A MOTOR VEHICLE

Title (de)
ARMFENSTERHEBER FÜR EIN KRAFTFAHRZEUG

Title (fr)
LEVE-VITRE A BRAS POUR UN VEHICULE AUTOMOBILE

Publication
EP 1337732 B1 20050803 (DE)

Application
EP 01997608 A 20011127

Priority

- DE 0104500 W 20011127
- DE 10058854 A 20001127
- DE 10142973 A 20010901

Abstract (en)
[origin: WO0242591A1] The invention relates to a window winding arm device for a motor vehicle, comprising a first lever arm (5) which is positioned in a pivoting manner on a pivoting axis (100), a drive unit (2) which interacts with the first lever arm (5) by means of an output element (3), and a second lever arm (4) which is connected to the first lever arm (5) in a pivoting manner by means of an articulated axis (300) which is at a distance from the pivoting axis (100). Said second lever arm (4) has a longer side (410), and a shorter side (420) opposite the same. The inventive device also comprises a slideway (12) in which a supporting axle (120) located on the shorter side (420) of the second lever arm (4) is guided. The inventive window winding arm device is characterised in that it is weight-saving and compact, and can be easily built in to a motor vehicle.

IPC 1-7
E05F 11/44

IPC 8 full level
B60J 1/17 (2006.01); **E05F 11/44** (2006.01)

CPC (source: EP US)
E05F 11/445 (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Cited by
CN108266085A

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
WO 0242591 A1 20020530; DE 50106998 D1 20050908; EP 1337732 A1 20030827; EP 1337732 B1 20050803; ES 2245381 T3 20060101; JP 2004514809 A 20040520; JP 3987431 B2 20071010; US 2004216382 A1 20041104; US 7010883 B2 20060314

DOCDB simple family (application)
DE 0104500 W 20011127; DE 50106998 T 20011127; EP 01997608 A 20011127; ES 01997608 T 20011127; JP 2002544497 A 20011127; US 43266003 A 20031103