

Title (en)
CABLE WINDOW RAISER, ESPECIALLY FOR A MOTOR VEHICLE

Publication
EP 0210086 B1 19881207 (FR)

Application
EP 86401255 A 19860610

Priority
FR 8510592 A 19850710

Abstract (en)
[origin: EP0210086A1] 1. Window winder, particularly for a car, of the type having a curved slide (1), a carriage (6) integral with a window (8) and which can be moved along said slide (1) by means of a cable passing over two return pulleys (2, 3) and winding onto a drum (9; 16; 17) of a manipulating winch (10), said drum (9; 16; 17) having a variable cross-section in such a way that the length of the wound cable varies as a function of the position of carriage (6) on slide (1), characterized in that as the cable is constituted by two strands (S, I), each fixed to one of the ends (A, B) of drum (9; 16; 17), the cross-section increases from one end of the drum (9; 16; 17) to a maximum corresponding to the point of the slide (1) furthest from an axis (C-C) passing through the two pulleys (2, 3) and then decreases to the other end of the drum (9; 16; 17).

IPC 1-7
E05F 11/48

IPC 8 full level
E05F 11/48 (2006.01)

CPC (source: EP)
E05F 11/486 (2013.01); **E05Y 2201/618** (2013.01); **E05Y 2201/654** (2013.01); **E05Y 2201/664** (2013.01); **E05Y 2900/55** (2013.01)

Cited by
DE102014001960A1; DE4423132A1; DE102015217285A1; FR2958676A1; DE102014001960B4; US11390500B2; WO2020219616A1

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0210086 A1 19870128; EP 0210086 B1 19881207; DE 3661366 D1 19890112; FR 2584768 A1 19870116; FR 2584768 B1 19871127

DOCDB simple family (application)
EP 86401255 A 19860610; DE 3661366 T 19860610; FR 8510592 A 19850710