

Title (en)
Electrical control device for vehicle roofliner

Title (de)
Elektrische Steuerungsvorrichtung für Fahrzeugdachhimmel

Title (fr)
Dispositif de commande électrique, notamment pour plafonnier de véhicule automobile

Publication
EP 1650778 A1 20060426 (FR)

Application
EP 05108092 A 20050902

Priority
FR 0410111 A 20040923

Abstract (en)
The device has two sensors (20, 22) whose surfaces are covered by a covering (28) that has a protrusion (29) at the level of a detection surface (25) of each sensor. The covering has two flexing zones (30) that are present on both sides of the protrusion to laterally control both sides of a rib, where the protrusion has a widened base (35). The zones are made in the form of low thickness zones of the covering. The two flexing zones (30) are present on both sides of the protrusion so that force parallel to covering surface applied against the protrusion leads to flexion of the covering to transmit vertical bearing force on the surface (25). An independent claim is also included for a dome light of a motor vehicle including a sunroof opening controlling unit having an electrical control device.

IPC 8 full level
H01H 13/70 (2006.01); **H01H 13/704** (2006.01)

CPC (source: EP)
H01H 13/704 (2013.01); **H01H 2221/016** (2013.01); **H01H 2221/09** (2013.01)

Citation (search report)

- [A] US 5340953 A 19940823 - KREBS PAUL B [US], et al
- [A] DE 4238693 C1 19931028 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] US 5448028 A 19950905 - FILION SCOTT M [US], et al

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

DOCDB simple family (publication)
FR 2875639 A1 20060324; **FR 2875639 B1 20070112**; AT E422704 T1 20090215; DE 602005012658 D1 20090326; EP 1650778 A1 20060426; EP 1650778 B1 20090211

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