

Title (en)
Remote controllable adjusting system for the shade of a vehicle headlamp

Title (de)
Fernbetätigbares Einstellsystem für die Blende eines Fahrzeugscheinwerfers

Title (fr)
Système de réglage commandable à distance pour la cache d'un projecteur de véhicule

Publication
EP 0864804 A3 20000308 (DE)

Application
EP 98103261 A 19980225

Priority
DE 19708111 A 19970228

Abstract (en)
[origin: EP0864804A2] The adjuster has an electromagnet by which the aperture (4) located between a reflector (1) and a lens (3) can be adjusted from a position giving a dipped-beam into one giving a main-beam. A holder can automatically adjust the screen into the dipped-beam position when the electromagnet is inactive. The screen can be held in its dipped-beam position not only by the holding force of a second electromagnet that can be activated but also by the force of the holding device against a shoulder. The first electromagnet is formed by a lifting magnet whose lifting element is coupled to the adjustable screen.

IPC 1-7
F21M 3/18

IPC 8 full level
F21V 14/08 (2006.01)

CPC (source: EP)
F21S 41/686 (2017.12)

Citation (search report)

- [A] FR 2114887 A5 19720630 - LUCAS INDUSTRIES LTD
- [A] US 1761811 A 19300603 - BONE EVAN P
- [AD] DE 3806658 A1 19890914 - HUPPERTZ & SCHNEIDER GMBH & CO [DE]
- [A] DE 2509318 A1 19750911 - LUCAS ELECTRICAL CO LTD
- [A] US 5161875 A 19921110 - SEKIGUCHI TSUNEO [JP], et al

Cited by
DE10016218A1; DE102009041265A1; EP1455133A1; FR2852082A1; DE10361234A1; EP1454793A3; EP1070911A3; DE102008022508B4; DE102005021706A1; EP1722161A3; DE19858225A1; EP1010935A3; US6997590B2; EP1722161A2; EP1010935A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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