

Title (en)

ADJUSTING DEVICE WITH AN OPTICAL REGULATING DEVICE HAVING A REFLECTOR

Title (de)

JUSTIEREINRICHTUNG MIT EINEM EINEN REFLEKTOR AUFWEISENDEN OPTISCHEN EINSTELLGERÄT

Title (fr)

DISPOSITIF DE REGLAGE COMPORTANT UN APPAREIL DE REGLAGE OPTIQUE POURVU D'UN REFLECTEUR

Publication

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Application

EP 01907370 A 20010117

Priority

- DE 0100166 W 20010117
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Abstract (en)

[origin: WO0188464A2] The invention relates to an adjusting device comprising an optical regulating device (2) having a reflector (2.1) for adjusting parts of an automobile, especially distance radars, headlights or axles, by means of an irradiation device (3) that emits a bundled beam (3.4) and a vertical adjustment device (1) for aligning the reflector (2.1) at a given angle (β) relative to a floor (5) of a measuring station forming the contact plane of the automobile. Accurate vertical alignment or alignment at a given tilting angle relative to the floor of the measuring station is achieved by implementing simple measures in that the irradiation device (3) is positioned in a remote area of the automobile relative to the adjusting device (2) at a given height (h) of the automobile above the floor (5) of the measuring station and can be moved at different elevation angles relative to a parallel line of the floor of the measuring station for the emission of the beam (3.4). The and in that the vertical adjustment device (1) has a diaphragm unit (4) with a height-adjustable diaphragm (4.1) disposed between the adjusting device (2) and the irradiation device (3), the height of which can be adjusted in such a way that the beam (3.4) that is directed towards the reflector (2.1) and that passes through the diaphragm unit goes through said unit once again after being reflected on the reflector (2.1).

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CPC (source: EP US)

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See references of WO 0188464A2

Citation (examination)

- DE 19707590 A1 19980903 - BOSCH GMBH ROBERT [DE]
- US 4416065 A 19831122 - HUNTER LEE [US]
- GB 1055968 A 19670125 - KOLLSMAN INSTR CORP

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DOCDB simple family (publication)

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DOCDB simple family (application)

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