

## Notice

This translation is machine-generated. It cannot be guaranteed that it is intelligible, accurate, complete, reliable or fit for specific purposes. Critical decisions, such as commercially relevant or financial decisions, should not be based on machine-translation output.

## DESCRIPTION FR995205

Projectors turns for motor vehicles.

On a motor vehicle headlights and their optical system are fixed and set once and for all in the longitudinal axis of the vehicle.

Also, in a turn the light beam does not illuminate, or poorly he illuminates the part of the roadway that interests the driver and this is undoubtedly a serious drawback.

To remedy this, some systems have been devised including auxiliary headlamps swivel hand or mechanically operated by a system of cables or rods mounted on the steering, but their use was not widespread because of the inconvenience of a hand apparatus obliging the driver to a special maneuvering or because of the vulnerability and the high price of a mobile device located outside the vehicle.

The object of the present invention is the use of suitably oriented projectors fixed once and for all to the right and left of the vehicle turned off in normal straight-ahead and lit automatically when the steering wheel reaches a given angle in one direction or the other.

To automatic ignition system may appoint a switch on the instrument or on the steering wheel allow straight line or even before approaching a turn, the use of one or two auxiliary projectors, such as anti- fog.

Similarly, it is possible, within the scope of the present invention, to combine the ignition of the projector with the turning off of the headlight or of the code located on the same side.

Is described below. an indicative and not limiting modes of preferred embodiments of the invention with reference to the accompanying drawings in which: Figure 1 shows a schematic plan view from the light beam cornering lights; 2 shows the diagram of an installation comprising two bend projectors; 3 shows the diagram of a switch control by driving the tube; 4 shows a diagram of a switch control by driving tube for a vehicle steering very leveraged.

The projectors of the invention can be positioned as shown in Figure 1, or be grouped into a single unit in the center of the vehicle or in conjunction with the depth of projectors or all other signaling devices (position lights, flashing indicators, etc. ).

Their shape can also be arbitrary.

The control of the headlamp is provided by a device of the kind shown in Figure 2: 1 and 2 are curves of projectors; 3 is a mobile part of the steering system, the steering tube for example.

This moving part 3 carries a finger 4 driver and isolated, that constantly remained in touch with May 1st sector itself connected by a driver 6 to a supply terminal.

This should only be energized when driving at night and expected to be the use of banked headlights. ges.

If the driver turns right for exam.

ple, after a certain angle for a given steering, finger contact 4 will come with the sector and turning the projector 7 2 And it is the same for turning in the opposite direction between the finger and the sector 4 8 turns the projector 1.

The switch 9 enables operation at will the automatic ignition of a lighthouse seu both or both headlights both.

A switch can also supplémentaire per set regardless of the order by the direction the permanent use of one or; Both projectors turns, like eg fog lights.

In the above description, if the angle (turning neighbor remains for some time point of turning on the projector turns, it just happen a series of ignitions and extinction!

successive unpleasant for the driver.

It therefore will be advantageous that the point of extinction is different from the ignition point and is at a lesser angular distance of position corresponding to the straight-ahead.

A switch responsive to these conditions e controlled for example by the steering tube, can

schematically be represented as shown in Figure 3.

The finger 11 fixed to the steering tube results in a traveler 12 which moves on the sector 13 and comes into contact, for a given angle to the right or left, with the sectors 14 or 15.

But the game left in the drive notches 15 and 17 and 11 gives the finger, between the points the ignitions and extinctions, the desired difference.

For highly leveraged management vehicle may be used for example a switch similar to that shown in a schematic way in Figure 4 and wherein the drive of the finger 20 is via a spline 21; this finger 20 and the pièze 22 which supports move on a?

slide 23; Part 22 drives, via an insulating portion 24, a contact spring 25, both ends of which 26 are constantly in elastic contact with the slide 23 which is isolated 'and connected to the current source.

Next we turn to the right or left, the upper part of the spring 25 engages the rod 27 to the right headlamp and the rod 28 to the left headlight.

These two adjustable contacts allow to vary at will the ignition point; the shift between this point and the extinction is obtained by playing the finger 20 in the manifold 21.

The turning projectors can be constructed to meet the conditions imposed on the so-called flagship nonéblouissement: Code, which avoids having to put out at each intersection with another vehicle.

## Notice

This translation is machine-generated. It cannot be guaranteed that it is intelligible, accurate, complete, reliable or fit for specific purposes. Critical decisions, such as commercially relevant or financial decisions, should not be based on machine-translation output.

## CLAIMS FR995205

### ABSTRACT :

1.

The turning motor vehicle headlamps are fixed and oriented once and for all one to the right, the other to the left of the vehicle;

2.

They are turned off in normal straight-ahead and lit automatically when the steering wheel reaches a given angle;

3.

A switch allows, at any time, even in a straight line, using one of the projectors, or both;

4.

The automatic headlamp is provided by the rotation of a finger driven by rotation of the steering

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.