

Title (en)
Automotive vehicle headlamp.

Title (de)
Scheinwerfer für Fahrzeuge.

Title (fr)
Projecteur automobile.

Publication
EP 0412367 B1 19931208 (DE)

Application
EP 90114344 A 19900726

Priority
DE 3926455 A 19890810

Abstract (en)
[origin: EP0412367A1] A fixed, first stop (3) and a swivellable second stop (4) abutting flatly thereat are arranged between the light source (6), which is arranged at the focal point of a reflector (1), and a collector lens (2). The second stop can be adjusted about a swivel axis (12) into two end positions and generates at least in one end position together with the stop edge of the first stop the low-beam cut-off of the light bundle emanating from the headlamp. In both end positions, the second stop (4) is held by a compression spring (15) which is inserted under bias between two abutments (16, 17). One abutment (16) is formed by a side face of a recess (20) introduced into the first stop, and the other abutment (17) is formed by the side face of a recess (23) introduced into the second stop. In this arrangement, the side faces of the abutments are turned towards one another, and in the two end positions of the second stop the swivellable terminal section of the compression spring abuts under bias at a side face (24), serving as a limit stop, of a recess (22) introduced in the first stop. The abutment of the first stop lies on a line passing through the centre of gravity and between the two limit stops of the first stop. <IMAGE>

IPC 1-7
F21M 3/18; F21M 3/14

IPC 8 full level
F21V 14/08 (2006.01)

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

Cited by
DE102005021707A1; FR2708335A1; DE4233032A1; EP1070911A3; EP1722162A2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0412367 A1 19910213; EP 0412367 B1 19931208; DE 3926455 A1 19910214; DE 59003769 D1 19940120

DOCDB simple family (application)
EP 90114344 A 19900726; DE 3926455 A 19890810; DE 59003769 T 19900726