

Title (en)

Fitting for vehicle headlamps.

Title (de)

Einrichtung, für Scheinwerfer, insbesondere für Kraftfahrzeuge.

Title (fr)

Montage pour projecteurs de véhicule.

Publication

EP 0303072 B1 19940601 (DE)

Application

EP 88111645 A 19880720

Priority

DE 3726478 A 19870808

Abstract (en)

[origin: EP0303072A2] Fitting for headlamps, especially for motor vehicles, which are equipped with a screening pane or lens which are coated, in particular by zones, with semiconductor materials whose optical transparency can be switched. Arranged in a reflector (10) of a headlamp is an incandescent lamp (11) which emits light beams which radiate via the reflector (10) in the direction of the lens (16) or screen (3). Mounted additionally in the headlamp are controllable light sources (20, 30) which as controlled light sources emit light of a specific wavelength. The lightbeams emanating from the additional light sources impinge on the inner side, provided with bistable crystals, of the lens (16) or of the screen (3), and given a specific light intensity cooperate with the light intensity emanating from the reflector (10) to switch the bistable crystals from optical opacity to optical transparency. The light distribution of a headlamp can be automatically controlled in this way. <IMAGE>

IPC 1-7

F21M 3/18

IPC 8 full level

F21S 8/10 (2006.01); **B60Q 1/14** (2006.01); **F21V 9/40** (2018.01); **F21V 11/00** (2006.01); **F21V 11/16** (2006.01); **F21V 14/00** (2006.01)

CPC (source: EP US)

F21S 41/43 (2017.12 - EP); **F21S 41/645** (2017.12 - EP US); **F21V 9/40** (2018.01 - EP US)

Cited by

US6742918B2; WO2022117422A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0303072 A2 19890215; **EP 0303072 A3 19900307**; **EP 0303072 B1 19940601**; DE 3726478 A1 19890216; DE 3889803 D1 19940707; JP 2608931 B2 19970514; JP S6489101 A 19890403

DOCDB simple family (application)

EP 88111645 A 19880720; DE 3726478 A 19870808; DE 3889803 T 19880720; JP 19622588 A 19880808