

Title (en)

Guiding line without switches for the location of a keyhole.

Title (de)

Schalterlose Orientierungshilfe zum Auffinden eines Schlüssellocks.

Title (fr)

Aide d'orientation sans commutation pour la découverte d'un trou de serrure.

Publication

EP 0463318 B1 19940817 (DE)

Application

EP 91106761 A 19910426

Priority

DE 4020865 A 19900629

Abstract (en)

[origin: EP0463318A1] To improve the illumination time of a switchless orientation aid for the location of a keyhole, especially on a motor-vehicle lock, with at least one light-radiating surface element (6) which is so arranged in the immediate vicinity of the keyhole that it gives a visual indication of the position of the keyhole, it is proposed to equip at least one surface element (6) with a number of low-current luminous diodes (12) connected electrically in series and to connect these permanently to a low-voltage source (U), especially to a motor- vehicle battery, the current consumption of the luminous diodes (12) being limited by a current limiter to a value well below their lowest specified working current. Advantageously, the total voltage drop across the current limiter and the low-current luminous diodes (12) can be of such a size that, when the supply voltage falls below a specific critical value, these fall below the saturation voltage and, without further measures, become highly resistive. <IMAGE>

IPC 1-7

E05B 17/10

IPC 8 full level

E05B 17/10 (2006.01)

CPC (source: EP)

E05B 17/10 (2013.01)

Designated contracting state (EPC)

ES FR GB IT SE

DOCDB simple family (publication)

DE 4020865 C1 19910704; EP 0463318 A1 19920102; EP 0463318 B1 19940817; ES 2062603 T3 19941216

DOCDB simple family (application)

DE 4020865 A 19900629; EP 91106761 A 19910426; ES 91106761 T 19910426