

Title (en)

Lens element in particular for an emergency lighting module

Title (de)

Linsenelement insbesondere für Notlichtmodul

Title (fr)

Élément de lentille notamment pour module de lumière de secours

Publication

EP 2647903 B1 20160601 (DE)

Application

EP 13159310 A 20130315

Priority

- DE 102012102952 A 20120404
- DE 102012106624 A 20120720

Abstract (en)

[origin: EP2647903A1] The lens element has linear V-shaped notch (24) provided on side opposite to light entry surface of transparent light-guiding portion (20). The legs of V-shaped notch are located opposite to light entrance surface at an angle such that light from the point light source (10) through light input surface entering the V-shaped leg is totally reflected. The light guide portion is arranged relative to legs of the light exit surfaces (26) at specific angle such that totally reflected light at legs exists light exit surfaces without exit total reflection. Independent claims are included for the following: (1) emergency light module; and (2) lamp.

IPC 8 full level

F21S 9/02 (2006.01); **F21V 5/04** (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP US)

F21S 9/022 (2013.01 - EP US); **F21V 5/04** (2013.01 - EP US); **F21V 7/0091** (2013.01 - EP); **F21V 17/164** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **F21Y 2115/15** (2016.07 - EP US)

Cited by

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