

Title (en)

EMERGENCY LIGHTING DEVICE FOR TUNNELS

Title (de)

NOTBELEUCHTUNGSVORRICHTUNG FÜR TUNNEL

Title (fr)

DISPOSITIF D'ÉCLAIRAGE D'URGENCE DANS DES TUNNELS

Publication

EP 2700866 A1 20140226 (EN)

Application

EP 12724148 A 20120330

Priority

- ES 201130620 A 20110419
- ES 2012070214 W 20120330

Abstract (en)

It has a low power consumption and constitutes a simplification of emergency installations in tunnels. It comprises a hollow bar (1) adapted to be attached to a sidewall (2) of a tunnel, at an ergonomically appropriate height for its use as a support by the users of the tunnel, the bar (1) additionally comprising a plurality of LEDs (5) to illuminate the inside of the tunnel, said LEDs being insulated from moisture and dirt by being contained inside longitudinal cavities (7, 8) of the bar (1).

IPC 8 full level

E04F 11/18 (2006.01); **F21S 4/00** (2006.01); **F21V 17/16** (2006.01); **F21V 21/12** (2006.01); **F21V 21/22** (2006.01); **F21V 25/12** (2006.01); **F21V 33/00** (2006.01); **F21W 111/08** (2006.01); **F21W 131/101** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

F21S 4/28 (2016.01 - EP); **F21V 15/01** (2013.01 - EP); **F21V 21/108** (2013.01 - EP); **F21V 21/12** (2013.01 - EP US); **E04F 2011/1872** (2013.01 - EP); **F21S 8/036** (2013.01 - EP); **F21V 17/164** (2013.01 - EP); **F21V 21/30** (2013.01 - EP); **F21V 25/12** (2013.01 - EP); **F21W 2111/08** (2013.01 - EP); **F21W 2131/101** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (search report)

See references of WO 2012143586A1

Citation (examination)

DE 202010015185 U1 20110303 - WALDMANN HERBERT GMBH & CO KG [DE]

Cited by

EP2918908A1; CN104566018A; DE202021105678U1; WO2023066583A1

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2700866 A1 20140226; ES 2401385 A1 20130419; ES 2401385 B1 20140218; WO 2012143586 A1 20121026; WO 2012143586 A4 20130110

DOCDB simple family (application)

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