

Title (en)

LED-TYPE LUMINOUS SIGNALING DEVICE AND RELATIVE CONTROL METHOD

Title (de)

LED-LEUCHTSIGNALVORRICHTUNG UND ZUGEHÖRIGES STEUERVERFAHREN

Title (fr)

DISPOSITIF LUMINEUX DE SIGNALISATION DU TYPE À DELS ET MÉTHODE DE COMMANDE ASSOCIÉE

Publication

**EP 2488401 A1 20120822 (EN)**

Application

**EP 10798582 A 20101015**

Priority

- IT UD20090184 A 20091016
- IB 2010002625 W 20101015

Abstract (en)

[origin: WO2011045663A1] LED-type luminous signaling device comprising one or more LED-type luminous emission sources (16) and at least a light-directing lens (14) able to diffuse the luminous radiation emitted by a corresponding LED-type luminous emission source (16) in at least one signaling direction. The light-directing lens (14) is conformed so as to define at least an interception portion (18) suitable to divert a predefined fraction of total luminous radiation emitted by each LED-type luminous emission source (16) in one or more control directions, different from the signaling direction, wherein the signaling device comprises optical detection means (17) disposed coherently with the control direction so as to detect said predefined fraction of luminous radiation diverted by the interception portion (18).

IPC 8 full level

**B61L 5/18** (2006.01)

CPC (source: EP)

**B61L 5/1845** (2013.01); **B61L 5/1881** (2013.01); **B61L 2207/02** (2013.01)

Citation (search report)

See references of WO 2011045663A1

Cited by

EP3480078A1; GB2566213A; AU2016412473B2; GB2566213B; US11161532B2; WO2018004513A1; EP3480078B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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