

Title (en)

LIGHTING SYSTEM HAVING A PLURALITY OF LIGHTS AND METHOD FOR OPERATING SUCH A LIGHTING SYSTEM

Title (de)

BELEUCHTUNGSSYSTEM MIT MEHREREN LEUCHTEN UND VERFAHREN ZUM BETRIEB EINES SOLCHEN BELEUCHTUNGSSYSTEMS

Title (fr)

SYSTÈME D'ÉCLAIRAGE COMPRENANT PLUSIEURS LAMPES ET PROCÉDÉ POUR FAIRE FONCTIONNER UN TEL SYSTÈME D'ÉCLAIRAGE

Publication

**EP 2873301 A1 20150520 (DE)**

Application

**EP 13737587 A 20130710**

Priority

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- EP 2013064597 W 20130710

Abstract (en)

[origin: WO2014009422A1] The invention relates to a lighting system (1) which has a plurality of lights (10) each distanced from one another. The lights are formed in such a way as to emit and receive signals between them, wherein after a signal is emitted by an emitting light (10') this signal is received at least by some of the other lights and the receiving lights (10'') then each adapt their operational behaviour, this adaptation taking place in dependence upon the signal and in dependence upon the respective distance (d) of the receiving lights (10'') concerned from the emitting lights (10'). The lights (10) are formed in such a way as to determine the respective distance (d) with the aid of a radio signal (F) and an ultrasound signal (U). Determination of the distances between the individual lights (10) is thereby possible in a particularly easy, reliable and extremely precise manner. The design makes it possible to ensure that after spatial repositioning of the lights (10), the control behaviour of the lighting system (1) can be adapted easily, precisely and reliably to the new configuration of the lights (10).

IPC 8 full level

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Citation (search report)

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