

Title (en)

A LIGHTING DEVICE AND CORRESPONDING METHOD

Title (de)

BELEUCHTUNGSVORRICHTUNG UND ZUGEHÖRIGES VERFAHREN

Title (fr)

DISPOSITIF D'ÉCLAIRAGE ET PROCÉDÉ CORRESPONDANT

Publication

**EP 3534678 B1 20201111 (EN)**

Application

**EP 19158574 A 20190221**

Priority

IT 201800003237 A 20180302

Abstract (en)

[origin: EP3534678A1] A lighting device comprises an elongated support member (102) with a sequence of consecutive segments having a first end (10A) and a second end (10B), and light radiation sources (e.g. LEDs) distributed along the support member (102) in a sequence of electrical units (10) arranged at respective segments of the support member. The electric units (10) comprise a plurality of sets of electrically-powered light radiation sources (D11, D12, D13; D21, D22, D23; D11, D12, D13, D21; D22, D23), electrically arranged in series between a first (LED+) and a second (LED-) power supply node. At least one set (D21, D22, D23; D22, D23) of light radiation sources can be separated from the electrical unit (10) at a cutting line (LC1, LC2) intermediate between the first end (10A) and the second end (10B) of the respective segment of the support member. An electrically-conductive path (12, 13) parallel to the aforesaid separable set (D21, D22, D23; D22, D23) can be activated by separating this set (D21, D22, D23; D22, D23) from the electric unit (10) so as to maintain the electrical coupling between the first (LED+) and the second (LED-) power supply node.

IPC 8 full level

**F21S 4/24** (2016.01); **H05B 44/00** (2022.01); **H05B 45/40** (2020.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)

**F21S 4/24** (2016.01 - EP US); **H05B 45/40** (2020.01 - EP US); **F21Y 2115/10** (2016.07 - EP); **H05B 45/395** (2020.01 - EP US)

Cited by

DE102019125404B3; EP3796757A1

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