

Title (en)

SAFETY ENDCAP ASSEMBLY FOR A LED TUBE

Title (de)

SICHERHEITS-ENDKAPPENANORDNUNG FÜR LED LEUCHTRÖHRE

Title (fr)

ENSEMBLE EMBOUT DE SÉCURITÉ POUR TUBE À DEL

Publication

EP 3495727 B1 20210310 (EN)

Application

EP 17206276 A 20171208

Priority

EP 17206276 A 20171208

Abstract (en)

[origin: EP3495727A1] A safety endcap assembly (25, 200) to be arranged at an end of an LED lamp (1). It has an endcap base element (201), an endcap cover element (203), a connector pin (205, 207), a contact element (217, 219) for connecting to the connector pin (205, 207) to LEDs, and a switch button (213). The endcap cover element (203) is moveable between a protracted position and a retracted position, and the switch button (213) is moveable between a first position and a second position. The switch button (213) is arranged to disconnect contact element (217, 219) from the LEDs when the switch button (213) is in the first position. The safety endcap assembly further has a switch opening mechanism configured to move the switch button to the first position when a certain condition is met.

IPC 8 full level

F21K 9/272 (2016.01); **F21V 23/04** (2006.01); **F21V 23/06** (2006.01); **F21V 25/04** (2006.01); **H01H 3/20** (2006.01); **H01R 13/44** (2006.01); **F21Y 103/10** (2016.01); **F21Y 115/10** (2016.01); **H01R 13/24** (2006.01); **H01R 33/76** (2006.01)

CPC (source: EP)

F21K 9/272 (2016.07); **F21V 23/04** (2013.01); **F21V 23/06** (2013.01); **F21V 25/04** (2013.01); **H01R 13/2421** (2013.01); **H01R 33/7692** (2013.01); **F21Y 2103/10** (2016.07); **F21Y 2115/10** (2016.07); **H01H 3/20** (2013.01)

Cited by

US11460154B2

Designated contracting state (EPC)

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 3495727 A1 20190612; **EP 3495727 B1 20210310**; CN 111448421 A 20200724; CN 111448421 B 20221028; WO 2019110829 A1 20190613

DOCDB simple family (application)

EP 17206276 A 20171208; CN 201880079180 A 20181207; EP 2018084050 W 20181207