

Title (en)
PARTIALLY LIGHTED T-BAR

Title (de)
TEILWEISE BELEUCHTETE T-STANGE

Title (fr)
BARRE EN T PARTIELLEMENT ÉCLAIRÉE

Publication
EP 3221635 B1 20220928 (EN)

Application
EP 15861761 A 20151123

Priority

- US 201462082760 P 20141121
- US 2015000137 W 20151123

Abstract (en)
[origin: WO2016081019A1] The partially lit T-bar includes a spine with a rest shelf at a lower portion thereof. The rest shelf supports adjacent ceiling tiles. The under surface of the rest shelf includes a lighting module on a portion and a plain unlit undersurface on other portions. Additional T-bars which are shorter, and typically fully lit or fully unlit and half the length of the partially lit T-bar are also provided which can attach at ends or near a midpoint of the partially lit T-bar and typically perpendicularly thereto. A great variety of lighting patterns in a dropped ceiling is thus facilitated. Each of the T-bars preferably also includes a heat sink on an upper portion of the spine and also preferably a lower heat sink on an upper portion of the rest shelf. Heat associated with the light element of the T-bar can thus be drawn away from a space below the ceiling.

IPC 8 full level
F21S 8/04 (2006.01); **E04B 5/02** (2006.01); **E04B 9/00** (2006.01); **E04B 9/06** (2006.01); **E04B 9/12** (2006.01); **E04B 9/20** (2006.01); **E04B 9/24** (2006.01); **F21S 4/28** (2016.01); **F21S 8/02** (2006.01); **F21V 21/02** (2006.01); **F21V 21/04** (2006.01); **F21Y 103/10** (2016.01); **F21Y 115/10** (2016.01)

CPC (source: EP US)
E04B 9/006 (2013.01 - EP); **E04B 9/064** (2013.01 - EP); **E04B 9/122** (2013.01 - EP); **E04B 9/20** (2013.01 - EP); **E04B 9/241** (2013.01 - EP); **F21S 4/28** (2016.01 - EP US); **F21S 8/026** (2013.01 - EP); **F21V 21/048** (2013.01 - EP); **E04B 5/023** (2013.01 - EP); **E04B 5/026** (2013.01 - EP); **F21V 29/767** (2015.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Citation (examination)
US 6220721 B1 20010424 - CHAN KINGSLEY [US], et al

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)
WO 2016081019 A1 20160526; CA 2968339 A1 20160526; EP 3221635 A1 20170927; EP 3221635 A4 20180509; EP 3221635 B1 20220928; ZA 201704100 B 20180829

DOCDB simple family (application)
US 2015000137 W 20151123; CA 2968339 A 20151123; EP 15861761 A 20151123; ZA 201704100 A 20170615