

Title (en)
MULTI-LED SYSTEM

Title (de)
MULTI-LED SYSTEM

Title (fr)
SYSTÈME À DIODES ÉLECTROLUMINESCENTES MULTIPLES

Publication
EP 3453234 A1 20190313 (DE)

Application
EP 17718834 A 20170330

Priority
• DE 102016108427 A 20160506
• EP 2017057600 W 20170330

Abstract (en)
[origin: WO2017190895A1] A multi-LED system comprises a support (2) and a plurality of light emitting diodes (3, 3', 3'') on the support (2). The support (2) comprises a base (4) in which a plurality of electrical components (11, 11', 11'', 12) are embedded. For example, the base (4) contains a resin material and/or a polymer material. The multi-LED system (1) can in particular be a quad LED flash module.

IPC 8 full level
H05K 1/02 (2006.01); **H01L 25/075** (2006.01); **H01L 25/16** (2006.01); **H01L 33/64** (2010.01); **H05K 1/18** (2006.01)

CPC (source: EP US)
H01L 25/0753 (2013.01 - EP US); **H01L 25/167** (2013.01 - EP US); **H05K 1/0206** (2013.01 - EP US); **H05K 1/0259** (2013.01 - EP US); **H05K 1/181** (2013.01 - EP US); **H05K 1/185** (2013.01 - EP US); **H05K 2201/10106** (2013.01 - EP US); **H05K 2201/10151** (2013.01 - EP US); **H05K 2201/10174** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP)

Citation (search report)
See references of WO 2017190895A1

Cited by
US11058865B2; US11160970B2

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102016108427 A1 20171109; CN 109479370 A 20190315; CN 109479370 B 20231024; EP 3453234 A1 20190313; JP 2019515507 A 20190606; JP 6874022 B2 20210519; TW 201743429 A 20171216; TW I726087 B 20210501; US 10714458 B2 20200714; US 2019148346 A1 20190516; WO 2017190895 A1 20171109

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DE 102016108427 A 20160506; CN 201780028109 A 20170330; EP 17718834 A 20170330; EP 2017057600 W 20170330; JP 2018558159 A 20170330; TW 106112352 A 20170413; US 201716099126 A 20170330