

Title (en)

ORGANIC MOLECULES FOR OPTOELECTRONIC DEVICES

Title (de)

ORGANISCHE MOLEKÜLE FÜR OPTOELEKTRONISCHE VORRICHTUNGEN

Title (fr)

MOLÉCULES ORGANIQUES POUR DISPOSITIFS OPTOÉLECTRONIQUES

Publication

EP 3823965 A1 20210526 (EN)

Application

EP 19745975 A 20190705

Priority

- EP 18184872 A 20180722
- EP 2019068082 W 20190705

Abstract (en)

[origin: WO2020020602A1] The invention relates to an organic compound, in particular for the use in optoelectronic devices. According to the invention, the organic compound has a structure of formula I, wherein Q is selected from the group consisting of N and C-RPy; T, V, W, X, Y is independently from each other selected from the group consisting of R1 and phenyl, which is optionally substituted with one or more substituents R2; at least one substituent selected from the group consisting of T, V, W, X and Y is phenyl which is optionally substituted with one or more substituents R2; and at least one ring member Q is N.

IPC 8 full level

C07D 403/10 (2006.01); **C07F 7/02** (2006.01); **C09K 11/00** (2006.01); **H10K 99/00** (2023.01)

CPC (source: EP)

C07D 403/10 (2013.01); **C07F 7/0812** (2013.01); **C09K 11/06** (2013.01); **H10K 85/00** (2023.02); **Y02E 10/549** (2013.01); **Y02P 70/50** (2015.11)

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)

WO 2020020602 A1 20200130; EP 3823965 A1 20210526

DOCDB simple family (application)

EP 2019068082 W 20190705; EP 19745975 A 20190705