

Title (en)

COMPOSITION FOR ORGANIC ELECTRONIC DEVICES

Title (de)

ZUSAMMENSETZUNG FÜR ORGANISCHE ELEKTRONISCHE VORRICHTUNGEN

Title (fr)

COMPOSITION POUR DISPOSITIFS ÉLECTRONIQUES ORGANIQUES

Publication

EP 3802520 A1 20210414 (DE)

Application

EP 19729458 A 20190528

Priority

- EP 18175234 A 20180530
- EP 2019063712 W 20190528

Abstract (en)

[origin: WO2019229011A1] The invention relates to a composition comprising an electron-transporting host and a hole-transporting host, to the use thereof in electronic devices and to electronic devices containing said composition. The electron-transporting host is most preferably selected from the class of triazine-dibenzofuran-fluorenyl systems or from the class of triazine-dibenzothiophene-fluorenyl systems. The hole-transporting host is preferably selected from the class of biscarbazoles.

IPC 8 full level

C07D 405/04 (2006.01); **H10K 99/00** (2023.01); **C09K 11/02** (2006.01)

CPC (source: EP KR US)

C07D 405/04 (2013.01 - EP KR); **C07D 493/00** (2013.01 - US); **C09K 11/06** (2013.01 - EP KR); **H10K 50/11** (2023.02 - EP KR);
H10K 85/615 (2023.02 - EP KR); **H10K 85/623** (2023.02 - EP KR US); **H10K 85/624** (2023.02 - KR); **H10K 85/654** (2023.02 - EP KR US);
H10K 85/6574 (2023.02 - EP KR US); **H10K 85/6576** (2023.02 - EP KR US); **C09K 2211/1007** (2013.01 - EP KR);
C09K 2211/1029 (2013.01 - EP KR); **C09K 2211/185** (2013.01 - EP KR); **H10K 50/11** (2023.02 - US); **H10K 50/16** (2023.02 - US);
H10K 50/171 (2023.02 - US); **H10K 50/18** (2023.02 - EP KR US); **H10K 2101/10** (2023.02 - EP US); **H10K 2101/90** (2023.02 - EP KR US);
Y02E 10/549 (2013.01 - EP)

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 2019229011 A1 20191205; CN 112166112 A 20210101; EP 3802520 A1 20210414; KR 20210016423 A 20210215;
US 2022332724 A1 20221020

DOCDB simple family (application)

EP 2019063712 W 20190528; CN 201980035784 A 20190528; EP 19729458 A 20190528; KR 20207037691 A 20190528;
US 201915733850 A 20190528