

Title (en)

MATERIALS FOR ORGANIC ELECTROLUMINESCENT DEVICES

Title (de)

MATERIALIEN FÜR ORGANISCHE ELEKTROLUMINESZENZVORRICHTUNGEN

Title (fr)

MATÉRIAUX POUR DISPOSITIFS ÉLECTROLUMINESCENTS ORGANIQUES

Publication

EP 4274827 A1 20231115 (DE)

Application

EP 22700041 A 20220103

Priority

- EP 21150212 A 20210105
- EP 2022050004 W 20220103

Abstract (en)

[origin: WO2022148717A1] The present invention relates to compounds which are suitable for use in electronic devices, and to electronic devices, in particular organic electroluminescent devices, containing these compounds.

IPC 8 full level

C07D 407/10 (2006.01); **C07D 407/14** (2006.01); **C07D 409/10** (2006.01); **C07D 409/14** (2006.01); **C07D 493/04** (2006.01);
C07D 495/04 (2006.01)

CPC (source: EP KR US)

C07D 405/10 (2013.01 - KR); **C07D 405/14** (2013.01 - KR); **C07D 407/10** (2013.01 - EP); **C07D 407/14** (2013.01 - EP);
C07D 409/10 (2013.01 - EP); **C07D 409/14** (2013.01 - EP KR); **C07D 413/10** (2013.01 - US); **C07D 413/14** (2013.01 - US);
C07D 417/10 (2013.01 - US); **C07D 417/14** (2013.01 - US); **C07D 419/14** (2013.01 - US); **C07D 493/04** (2013.01 - EP);
C07D 495/04 (2013.01 - EP); **C07D 498/04** (2013.01 - US); **C07D 513/04** (2013.01 - US); **C09K 11/06** (2013.01 - KR);
H10K 50/11 (2023.02 - KR); **H10K 50/16** (2023.02 - KR); **H10K 50/18** (2023.02 - KR); **H10K 85/622** (2023.02 - US); **H10K 85/636** (2023.02 - US);
H10K 85/654 (2023.02 - KR US); **H10K 85/6572** (2023.02 - KR US); **H10K 85/6574** (2023.02 - KR US); **H10K 85/6576** (2023.02 - KR US);
C07B 2200/05 (2013.01 - US); **H10K 2101/20** (2023.02 - US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022148717 A1 20220714; CN 116745287 A 20230912; EP 4274827 A1 20231115; JP 2024502093 A 20240117;
KR 20230129470 A 20230908; US 2024083891 A1 20240314

DOCDB simple family (application)

EP 2022050004 W 20220103; CN 202280008632 A 20220103; EP 22700041 A 20220103; JP 2023540738 A 20220103;
KR 20237026484 A 20220103; US 202218270734 A 20220103