

Title (en)

ELECTRONIC DEVICE HAVING IMPROVED AGEING RESISTANCE

Title (de)

ELEKTRONISCHE VORRICHTUNG MIT VERBESSERTER ALTERUNGSBESTÄNDIGKEIT

Title (fr)

DISPOSITIF ELECTRONIQUE A TENUE AU VIEILLISSEMENT AMELIOREE

Publication

EP 3622566 A1 20200318 (FR)

Application

EP 18728443 A 20180511

Priority

- FR 1754149 A 20170511
- FR 2018051160 W 20180511

Abstract (en)

[origin: WO2018206902A1] The invention relates to an electronic device (50) comprising: a substrate (12); a first protective layer (52) impervious to oxygen and water covering the substrate; at least one electronic component (18) located on the first protective layer and comprising at least one organic semiconductor region; an encapsulation layer (66) impervious to oxygen and water, comprising an epoxy or acrylate glue completely covering the organic semiconductor region; a second protective layer (64) impervious to oxygen and water completely covering the encapsulation layer; and a support layer (62) covering the second protective layer.

IPC 8 full level

H10K 99/00 (2023.01)

CPC (source: EP KR US)

H10K 10/88 (2023.02 - EP KR US); **H10K 30/88** (2023.02 - EP KR US); **H10K 50/844** (2023.02 - EP KR US); **H10K 71/00** (2023.02 - EP KR US); **H10K 77/111** (2023.02 - EP KR); **Y02E 10/549** (2013.01 - EP); **Y02P 70/50** (2015.11 - 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 2018206902 A1 20181115; CN 110785864 A 20200211; CN 110785864 B 20240209; EP 3622566 A1 20200318; FR 3066324 A1 20181116; FR 3066324 B1 20210910; JP 2020520109 A 20200702; KR 102550310 B1 20230630; KR 20200004350 A 20200113; US 11283046 B2 20220322; US 2021159449 A1 20210527

DOCDB simple family (application)

FR 2018051160 W 20180511; CN 201880041936 A 20180511; EP 18728443 A 20180511; FR 1754149 A 20170511; JP 2019561880 A 20180511; KR 20197035688 A 20180511; US 201816612262 A 20180511