

Title (en)

METHOD FOR PRODUCING AN ORGANIC SEMICONDUCTOR COMPONENT, AND ORGANIC SEMICONDUCTOR COMPONENT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ORGANISCHEN HALBLEITERBAUTEILS UND ORGANISCHES HALBLEITERBAUTEIL

Title (fr)

PROCÉDÉ DE FABRICATION D'UN COMPOSANT SEMI-CONDUCTEUR ORGANIQUE ET COMPOSANT SEMI-CONDUCTEUR ORGANIQUE

Publication

**EP 3571729 A1 20191127 (DE)**

Application

**EP 18701311 A 20180119**

Priority

- DE 102017200896 A 20170120
- EP 2018051279 W 20180119

Abstract (en)

[origin: WO2018134340A1] A method is specified for producing a semiconductor component (2), in particular an organic photovoltaic element, which comprises a bottom electrode (6), a top electrode (4) and an active layer (8), wherein for electrically conductively connecting the two electrodes (4, 6) through the active layer (8) a through contact (10) is formed by means of laser ablation by the bottom electrode (6) being subjected to laser radiation (L) and material of the bottom electrode (6) thereby being raised up, with the result that the material forms the through contact (10). Furthermore, a corresponding semiconductor component (2) is specified.

IPC 8 full level

**H10K 99/00** (2023.01)

CPC (source: EP)

**H10K 30/81** (2023.02); **H10K 59/82** (2023.02); **H10K 71/162** (2023.02); **H10K 71/60** (2023.02); **H10K 59/8052** (2023.02); **H10K 71/621** (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 2018134340 A1 20180726**; DE 102017200896 A1 20180726; EP 3571729 A1 20191127

DOCDB simple family (application)

**EP 2018051279 W 20180119**; DE 102017200896 A 20170120; EP 18701311 A 20180119