

Title (en)

MATERIAL FOR OPTICALLY DOPING A POLYMER SUBSTRATE

Title (de)

MATERIAL ZUR OPTISCHEN DOTIERUNG EINES POLYMERSUBSTRATS

Title (fr)

MATERIAU POUR LE DOPAGE OPTIQUE DE SUBSTRAT POLYMERE

Publication

**EP 3662035 A1 20200610 (FR)**

Application

**EP 18762365 A 20180802**

Priority

- FR 1757399 A 20170802
- FR 2018052008 W 20180802

Abstract (en)

[origin: WO2019025742A1] The present invention relates to a material for optically doping a polymer substrate, characterised in that it is formed by poly(methyl methacrylate) and at least two organic photoluminescent materials with a concentration of photoluminescent materials close to the solubility limit of the photoluminescent materials in the MMA between 0.1% and 2% by weight. The invention also relates to a film doped with such a material, as well as a greenhouse covering, a photovoltaic panel implementing such a material, and a method for preparing such a material.

IPC 8 full level

**C09K 9/02** (2006.01); **C09K 11/06** (2006.01)

CPC (source: EP)

**C09K 11/06** (2013.01)

Citation (search report)

See references of WO 2019025742A1

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 2019025742 A1 20190207**; CN 111417698 A 20200714; EP 3662035 A1 20200610; FR 3069863 A1 20190208; FR 3069863 B1 20200731

DOCDB simple family (application)

**FR 2018052008 W 20180802**; CN 201880058864 A 20180802; EP 18762365 A 20180802; FR 1757399 A 20170802