

Title (en)

USE OF 4-BORA-3A,4A-DIAZA-S-INDACENES FOR THE PRODUCTION OF FLUORESCENT FIBRES

Title (de)

VERWENDUNG VON 4-BORA-3A,4A-DIAZA-S-INDACENEN ZUR HERSTELLUNG VON LEUCHTSTOFFFASERN

Title (fr)

UTILISATION DE 4-BORA-3A,4A-DIAZA-S-INDACÈNES POUR LA FABRICATION DE FIBRES FLUORESCENTES

Publication

EP 3635160 A1 20200415 (FR)

Application

EP 18728208 A 20180502

Priority

- FR 1753837 A 20170502
- FR 2018051091 W 20180502

Abstract (en)

[origin: WO2018202996A1] The present invention relates to the textile field and, more specifically, to the use of compounds of the family 4-bora-3a,4a-diaza-s-indacenes for the production of fluorescent fibres, said fluorescent compound being selected from compounds of formula (I). The invention also relates to methods for obtaining said fluorescent fibres, and to the uses thereof, in particular to provide security for products.

IPC 8 full level

D01F 1/06 (2006.01); **D06P 1/00** (2006.01)

CPC (source: EP KR US)

B42D 25/36 (2014.10 - EP US); **C07F 5/022** (2013.01 - US); **C09B 57/00** (2013.01 - US); **C09K 11/02** (2013.01 - US); **C09K 11/06** (2013.01 - KR US); **D01F 1/06** (2013.01 - EP KR US); **D06P 1/0012** (2013.01 - EP KR US); **C09K 2211/1018** (2013.01 - US); **C09K 2211/1022** (2013.01 - US); **C09K 2211/188** (2013.01 - KR); **D10B 2401/20** (2013.01 - 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

DOCDB simple family (publication)

WO 2018202996 A1 20181108; AU 2018262258 A1 20191205; AU 2018262258 B2 20221110; BR 112019023176 A2 20200602; CA 3062109 A1 20181108; CN 110709540 A 20200117; EP 3635160 A1 20200415; FR 3065970 A1 20181109; FR 3065970 B1 20201211; JP 2020518734 A 20200625; JP 7159206 B2 20221024; KR 102699262 B1 20240826; KR 20200003085 A 20200108; RU 2019138441 A 20210602; RU 2019138441 A3 20210825; US 11649563 B2 20230516; US 2020080235 A1 20200312

DOCDB simple family (application)

FR 2018051091 W 20180502; AU 2018262258 A 20180502; BR 112019023176 A 20180502; CA 3062109 A 20180502; CN 201880033483 A 20180502; EP 18728208 A 20180502; FR 1753837 A 20170502; JP 2019560270 A 20180502; KR 20197035255 A 20180502; RU 2019138441 A 20180502; US 201816609868 A 20180502