Title (en)

SULPHONATED POLYKETONES AS A COUNTER-ION OF CONDUCTIVE POLYMERS

Title (de)

SULFONIERTE POLYKETONE ALS GEGENION VON LEITFÄHIGEN POLYMEREN

Title (fr)

POLYCÉTONES SULFONÉES EN TANT QUE CONTRE-ION DE POLYMÈRES CONDUCTEURS

Publication

EP 2547737 A1 20130123 (EN)

Application

EP 11712468 A 20110318

Priority

- US 33161910 P 20100505
- DE 102010012180 A 20100319
- EP 2011001365 W 20110318

Abstract (en)

[origin: WO2011113612A1] The present invention relates to a complex comprising at least one optionally substituted conductive polymer and at least one functionalized polyketone, characterized in that the polyke- tone is a polymer which comprises a (-CO-) group in its recurring units and in which this (- CO-) group is linked with two aromatic groups. The present invention also relates to a process for the preparation of a complex, a complex obtainable by this process, the use of the complex, the use of sulphonated polyketones, a coated substrate, a process for the production of a coated substrate, the coated substrate obtainable by this process and an electronic component.

IPC 8 full level

C09D 165/00 (2006.01); **C09D 179/02** (2006.01); **H01B 1/12** (2006.01)

CPC (source: EP KR)

C08G 61/12 (2013.01 - KR); **C09D 165/00** (2013.01 - EP KR); **C09D 179/02** (2013.01 - KR); **H01B 1/12** (2013.01 - KR); **H01B 1/127** (2013.01 - EP); **H01G 11/48** (2013.01 - EP); **H01G 11/56** (2013.01 - EP); C08G 2261/1452 (2013.01 - EP); C08G 2261/3223 (2013.01 - EP); C08G 2261/3442 (2013.01 - EP); C08G 2261/512 (2013.01 - EP); C08G 2261/794 (2013.01 - EP); C08G 2261/91 (2013.01 - EP); C08L 65/00 (2013.01 - EP); C08L 71/00 (2013.01 - EP)

Citation (search report)

See references of WO 2011113612A1

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

DOCDB simple family (publication)

DE 102010012180 A1 20110922; CN 102892850 A 20130123; EP 2547737 A1 20130123; JP 2013522401 A 20130613; KR 20130018436 A 20130222; TW 201139506 A 20111116; WO 2011113612 A1 20110922

DOCDB simple family (application)

DE 102010012180 A 20100319; CN 201180014450 A 20110318; EP 11712468 A 20110318; EP 2011001365 W 20110318; JP 2012557452 A 20110318; KR 20127027397 A 20110318; TW 100109303 A 20110318