

Title (en)

ELECTRODES FOR OPTOELECTRONIC COMPONENTS AND THE USE THEREOF

Title (de)

ELEKTRODEN FÜR OPTOELEKTRONISCHE BAUELEMENTE UND DEREN VERWENDUNG

Title (fr)

ELECTRODES DESTINEES A DES COMPOSANTS OPTOELECTRONIQUES ET UTILISATION

Publication

**EP 1512184 A2 20050309 (DE)**

Application

**EP 03740075 A 20030610**

Priority

- DE 0301914 W 20030610
- DE 10226366 A 20020613

Abstract (en)

[origin: WO03107451A2] The invention relates to electrodes, which comprise spherical allotropes, particularly silicon and/or carbon nanotubes, and to the use thereof in organic semiconductor technology. The electrodes can either exclusively contain allotropes and/or contain allotropes that are embedded in an organic functional polymer.

IPC 1-7

**H01L 51/20**

IPC 8 full level

**C01B 31/02** (2006.01); **H01L 21/28** (2006.01); **H01L 31/10** (2006.01); **H01L 33/26** (2010.01); **H01L 33/36** (2010.01); **H01L 33/42** (2010.01); **H01L 51/30** (2006.01); **H01L 51/40** (2006.01); **H01L 51/42** (2006.01); **H01L 51/52** (2006.01)

CPC (source: EP)

**B82Y 10/00** (2013.01); **H10K 50/81** (2023.02); **H10K 71/60** (2023.02); **H10K 85/221** (2023.02); **H10K 30/35** (2023.02); **H10K 30/50** (2023.02)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 03107451 A2 20031224**; **WO 03107451 A3 20040805**; CN 1659721 A 20050824; DE 10226366 A1 20040108; EP 1512184 A2 20050309; JP 2005530350 A 20051006

DOCDB simple family (application)

**DE 0301914 W 20030610**; CN 03813787 A 20030610; DE 10226366 A 20020613; EP 03740075 A 20030610; JP 2004514157 A 20030610