

Title (en)

ELECTROLUMINESCENT IRIDIUM COMPOUNDS WIHT FLUORINATED PHENYL PYRIDINES, PHENYL PYRIMIDINES, AND PHENYL QUINOLINES AND DEVICES MADE WITH SUCH COMPOUNDS

Title (de)

ELEKTROLUMINESZENZ-IRIDIUMZUSAMMENSETZUNGEN MIT FLUORIERTEN PHENYL PYRIDINEN, PHENYL PYRIMIDINEN UND PHENYL CHINOLINEN UND MIT SOLCHEN VERBINDUNGEN HERGESTELLTE EINRICHTUNGEN

Title (fr)

COMPOSES D'IRIDIUM ELECTROLUMINESCENTS AVEC DES PHENYL PYRIDINES, DES PHENYL PYRIMIDINES ET DES PHENYL QUINOLEINES FLUOREES ET DISPOSITIFS CONUS AU MOYEN DE CES COMPOSES

Publication

EP 1466506 A1 20041013 (EN)

Application

EP 01991428 A 20011226

Priority

US 0149522 W 20011226

Abstract (en)

[origin: WO03063555A1] The present invention is generally directed to electroluminescent Ir(III) compounds, the substituted 2-phenylpyridines, phenylpyrimidines, and phenylquinolines that are used to make the Ir(III) compounds, and devices that are made with the Ir(III) compounds

IPC 1-7

H05B 33/12; C07D 213/02; C07D 215/00; C07D 217/00; C07D 239/02

IPC 8 full level

H05B 33/12 (2006.01); **C07D 213/02** (2006.01); **C07D 213/26** (2006.01); **C07D 213/30** (2006.01); **C07D 213/61** (2006.01);
C07D 213/68 (2006.01); **C07D 215/00** (2006.01); **C07D 215/04** (2006.01); **C07D 215/12** (2006.01); **C07D 217/00** (2006.01);
C07D 239/02 (2006.01); **C07D 239/26** (2006.01); **C07F 15/00** (2006.01); **C09K 11/06** (2006.01); **H05B 33/14** (2006.01); **H05B 33/22** (2006.01);
H10K 99/00 (2023.01)

IPC 8 main group level

H05B (2006.01)

CPC (source: EP KR)

C07D 213/26 (2013.01 - EP); **C07D 213/30** (2013.01 - EP); **C07D 213/61** (2013.01 - EP); **C07D 213/68** (2013.01 - EP);
C07D 215/04 (2013.01 - EP); **C07D 239/26** (2013.01 - EP); **C07F 15/0033** (2013.01 - EP); **C09K 11/06** (2013.01 - EP KR);
H05B 33/14 (2013.01 - EP); **H10K 85/342** (2023.02 - EP); **C09K 2211/1007** (2013.01 - EP); **C09K 2211/1029** (2013.01 - EP);
C09K 2211/185 (2013.01 - EP); **H10K 50/11** (2023.02 - EP); **H10K 85/324** (2023.02 - EP); **H10K 85/631** (2023.02 - EP);
H10K 2101/10 (2023.02 - EP)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 03063555 A1 20030731; CA 2455844 A1 20030731; CN 1520702 A 20040811; CN 1520702 B 20100526; EP 1466506 A1 20041013;
EP 1466506 A4 20070307; EP 2299785 A1 20110323; EP 2306788 A1 20110406; EP 2306789 A1 20110406; IL 158314 A0 20040512;
JP 2005516040 A 20050602; JP 4299144 B2 20090722; KR 100879695 B1 20090121; KR 20040069972 A 20040806

DOCDB simple family (application)

US 0149522 W 20011226; CA 2455844 A 20011226; CN 01823216 A 20011226; EP 01991428 A 20011226; EP 10011546 A 20011226;
EP 10012651 A 20011226; EP 10012691 A 20011226; IL 15831401 A 20011226; JP 2003563272 A 20011226; KR 20037013148 A 20031008