

Title (en)

METHOD FOR PRODUCING PLANAR TRANSPORTING RESONANCE HETEROSTRUCTURES

Title (de)

VERFAHREN ZUR HERSTELLUNG VON HETEROSTRUKTUREN MIT PLANARER TRANSPORTRESONANZ

Title (fr)

PROCEDE DE REALISATION D'HETOESTRUCTURES RESONNANTES A TRANSPORT PLANAIRE

Publication

EP 1800350 A2 20070627 (FR)

Application

EP 05810775 A 20051012

Priority

- FR 2005050845 W 20051012
- FR 0410761 A 20041012

Abstract (en)

[origin: WO2006040500A2] The invention relates to an electron transporting device comprising at least one transporting layer (6) in which at least one periodical dislocation and/or failure network and means (4) for guiding electrons in said transporting layer are formed.

IPC 8 full level

H01L 21/329 (2006.01); **H01L 29/15** (2006.01); **H01L 29/32** (2006.01); **H01L 29/88** (2006.01)

CPC (source: EP KR US)

B82Y 10/00 (2013.01 - EP US); **H01L 21/18** (2013.01 - KR); **H01L 29/15** (2013.01 - KR); **H01L 29/158** (2013.01 - EP US);
H01L 29/32 (2013.01 - EP US); **H01L 29/882** (2013.01 - EP US)

Citation (search report)

See references of WO 2006040500A2

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

FR 2876498 A1 20060414; FR 2876498 B1 20080314; BR PI0516475 A 20080909; CN 101040389 A 20070919; EA 011592 B1 20090428;
EA 200700833 A1 20071026; EP 1800350 A2 20070627; JP 2008516460 A 20080515; KR 20070067144 A 20070627;
US 2008246022 A1 20081009; US 8193525 B2 20120605; WO 2006040500 A2 20060420; WO 2006040500 A3 20061207

DOCDB simple family (application)

FR 0410761 A 20041012; BR PI0516475 A 20051012; CN 200580034677 A 20051012; EA 200700833 A 20051012; EP 05810775 A 20051012;
FR 2005050845 W 20051012; JP 2007536236 A 20051012; KR 20077008621 A 20070416; US 57660505 A 20051012