

Title (en)
LIQUID CRYSTALLINE RYLENE TETRACARBOXYLIC ACID DERIVATIVES AND USE THEREOF

Title (de)
FLÜSSIG-KRISTALLINE RYLENTETRACARBONSÄUREDERIVATE UND DEREN VERWENDUNG

Title (fr)
DÉRIVÉS D'ACIDE RYLÈNE-TÉTACARBOXYLIQUE CRISTALLINS LIQUIDES ET UTILISATION

Publication
EP 2008319 A2 20081231 (DE)

Application
EP 07727799 A 20070404

Priority
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Abstract (en)
[origin: EP1843407A1] Rylene tetracarboxylic acid derivatives (A). Rylene tetracarboxylic acid derivatives (A) of formula (I) or (II). R_{n1}-R_{n4} : H, F, Cl, Br or CN (when n is 1 or 2), or H, F, Cl or Br (when n is 3 or 4); Ra, Rb : H or alkyl; X₁>(x+1)-valent residue; X₂>(y+1)-valent residue; x, y : 2-6; Ri, Riii : 4-30C alkyl (which is not interrupted by one or more adjoining oxygen atom); and n : 1-4. Independent claims are included for the preparations of (I). [Image].

IPC 8 full level
H01L 51/00 (2006.01)

CPC (source: EP KR US)
C07D 221/14 (2013.01 - EP US); **C07D 221/18** (2013.01 - EP US); **C09B 5/62** (2013.01 - EP); **C09K 19/34** (2013.01 - KR); **H10K 85/621** (2023.02 - EP US); **H10K 85/731** (2023.02 - EP US); **H10K 10/46** (2023.02 - EP KR); **H10K 10/466** (2023.02 - EP US); **H10K 30/20** (2023.02 - EP KR US); **H10K 30/50** (2023.02 - EP KR); **Y02E 10/549** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
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DOCDB simple family (publication)
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