

Title (en)
PHENYL CYCLOHEXANES AND LIQUID CRYSTALLINE MEDIUM.

Title (de)
PHENYLCYCLOHEXANE UND FLÜSSIGKRISTALLINES MEDIUM.

Title (fr)
PHENYLCYCLOHEXANE ET MILIEU DE CRISTAUX LIQUIDES.

Publication
EP 0478740 A1 19920408 (DE)

Application
EP 91907424 A 19910405

Priority
DE 4012764 A 19900421

Abstract (en)
[origin: WO9116291A1] The invention relates to novel phenyl cyclohexanes of formula (I) in which Q is CH-Hal or C-Hal₂?, where Hal is F or Cl; n is 1 to 5; R is 0 to 6; A is a simple bond (a), (b) or (c) where (a) is (d), (e), (f) or (g); X is F, Cl, -CF₃?, -OCF₃? or -OCHF₂?; and Y and Z are independently H or F.

Abstract (fr)
L'invention concerne un nouveau phénylcyclohexane de formule (I) dans laquelle Q désigne CH-Hal ou C-Hal₂, où Hal est F ou Cl, n est de 1 à 5, r est de 0 à 6, A est une liaison simple, (a), (b) ou (c), où (a) signifie (d), (e), (f) ou (g), X désigne F, Cl, -CF₃, -OCF₃ ou OCHF₂, et, Y et Z désignent respectivement, indépendamment l'un de l'autre, H ou F.

IPC 1-7
C07C 25/18; C07C 43/225; C09K 19/30

IPC 8 full level
C07C 22/04 (2006.01); **C07C 25/18** (2006.01); **C07C 43/225** (2006.01); **C09K 19/30** (2006.01); **G02F 1/13** (2006.01)

CPC (source: EP US)
C07C 25/18 (2013.01 - EP US); **C07C 43/225** (2013.01 - EP US); **C09K 19/3003** (2013.01 - EP US); **C09K 19/3028** (2013.01 - EP US); **C07C 2601/14** (2017.04 - EP US)

Citation (search report)
See references of WO 9116291A1

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
WO 9116291 A1 19911031; EP 0478740 A1 19920408; JP H04506815 A 19921126; US 5230829 A 19930727

DOCDB simple family (application)
EP 9100647 W 19910405; EP 91907424 A 19910405; JP 50684591 A 19910405; US 67907891 A 19910624