

Title (en)

FERROELECTRIC LIQUID CRYSTALLINE PHASES.

Title (de)

FERROELEKTRISCHE FLÜSSIGKRISTALLINE PHASEN.

Title (fr)

PHASES DE CRISTAUX LIQUIDES FERRO-ELECTRIQUES.

Publication

EP 0334925 A1 19891004 (DE)

Application

EP 88908216 A 19880924

Priority

DE 3733818 A 19871007

Abstract (en)

[origin: WO8903416A1] Compounds having the formula (I): R?1-(CO)m-S-aryl-Z?1-(A?1-Z?2)n-A?2-R?2, in which R?1, R?2, aryl, Z?1, Z?2, A?1, A?2, m and n have the meaning defined in claim 1 are used as components of ferroelectric liquid crystalline phases. The invention also concerns compounds having the formula (I) and the process for manufacturing them.

Abstract (de)

Die Erfindung betrifft die Verwendung von Verbindungen der Formel (I): R¹-(CO)^m-S-Aryl-Z¹-(A¹-Z²)ⁿ-A²-R², worin R¹, R², Aryl, Z¹, Z², A¹, A², m und n die in Anspruch 1 gegebene Bedeutung besitzen, als Komponenten ferroelektrischer flüssigkristalliner Phasen, sowie Verbindungen der Formel (I) und Verfahren zu ihrer Herstellung. Abstract Compounds having the formula (I): R¹-(CO)^m-S-aryl-Z¹-(A¹-R²)ⁿ-A²-R², in which R¹, R², aryl, Z¹, Z², A¹, A², m and n have the meaning defined in claim 1 are used as components of ferroelectric liquid crystalline phases. The invention also concerns compounds having the formula (I) and the process for manufacturing them.

Abstract (fr)

On utilise des composés ayant la formule (I): R¹-(CO)^m-S-aryle-Z¹-(A¹-Z²)ⁿ-A²-R² dans laquelle R¹, R², aryle, Z¹, Z², A¹, A², m et n ont la signification décrite dans la première revendication, comme composants de phases de cristaux liquides ferro-électriques. L'invention concerne également les composés ayant la formule (I) et leur procédé de production.

IPC 1-7

C07C 149/28; C09K 19/12; C09K 19/20; C09K 19/34

IPC 8 full level

G02F 1/13 (2006.01); **C07C 321/26** (2006.01); **C07C 321/28** (2006.01); **C07C 323/18** (2006.01); **C07C 323/20** (2006.01); **C07C 323/28** (2006.01); **C07C 323/62** (2006.01); **C07C 327/22** (2006.01); **C07C 327/26** (2006.01); **C07D 213/70** (2006.01); **C07D 237/18** (2006.01); **C07D 239/26** (2006.01); **C07D 239/38** (2006.01); **C07D 241/18** (2006.01); **C09K 19/12** (2006.01); **C09K 19/14** (2006.01); **C09K 19/20** (2006.01); **C09K 19/28** (2006.01); **C09K 19/30** (2006.01); **C09K 19/32** (2006.01); **C09K 19/34** (2006.01); **C09K 19/42** (2006.01)

CPC (source: EP)

C07C 321/28 (2013.01); **C07C 323/20** (2013.01); **C07C 323/62** (2013.01); **C07C 327/26** (2013.01); **C07D 239/26** (2013.01); **C07D 239/38** (2013.01); **C09K 19/12** (2013.01); **C09K 19/2007** (2013.01); **C09K 19/2021** (2013.01); **C09K 19/3441** (2013.01); **C09K 19/3469** (2013.01)

Citation (search report)

See references of WO 8903416A1

Designated contracting state (EPC)

CH DE GB LI

DOCDB simple family (publication)

WO 8903416 A1 19890420; DE 3733818 A1 19890420; EP 0334925 A1 19891004; JP H02501482 A 19900524

DOCDB simple family (application)

EP 8800862 W 19880924; DE 3733818 A 19871007; EP 88908216 A 19880924; JP 50758988 A 19880924