

Title (en)

5,7-DIFLUORO-3,4-DIHYDRO-2H-NAPHTHALENE-1-ONE DERIVATIVES AND THE USE THEREOF IN LIQUID CRYSTAL MIXTURES

Title (de)

5,7-DIFLUOR-3,4-DIHYDRO-2H-NAPHTHALIN-1-ON-DERIVATE FLÜSSIGKRISTALLINEN MISCHUNGEN

Title (fr)

DERIVES DE 5,7-DIFLUORO-3,4-DIHYDRO-2H-NAPHTHALENE-1-ONE POUR MELANGES DE CRISTAUX LIQUIDES

Publication

EP 0944570 A1 19990929 (DE)

Application

EP 97953802 A 19971212

Priority

- DE 19652246 A 19961216
- EP 9706996 W 19971212

Abstract (en)

[origin: DE19652246A1] 5,7-difluoro-3,4-Dihydro-2h-naphthalene-1-one derivatives of formula (I): $R<1>(-A<1>-M<1>)a(-A<2>-M<2>)b-B(-M<3>-A<3>)c(-M<4>-A<4>)d-R<2>$ in which B is (ii) and $R<1>(-A<1>-M<1>)a(-A<2>-M<2>)$ and $(-M<3>-A<3>)(-M<4>-A<4>)R<2>$ mean mesogene radicals, which are suitable as constituents of specially ferroelectric liquid crystal mixtures.

IPC 1-7

C07C 49/755; **C09K 19/32**; **C09K 19/34**; **C09K 19/40**; **C07C 49/697**; **C07D 213/64**; **C07D 303/12**; **C07F 7/08**; **C07C 69/22**; **C07D 213/61**; **C07C 69/75**

IPC 8 full level

C07C 45/68 (2006.01); **C07C 45/71** (2006.01); **C07C 49/697** (2006.01); **C07C 49/755** (2006.01); **C07C 69/017** (2006.01); **C07C 69/035** (2006.01); **C07D 213/61** (2006.01); **C07D 213/64** (2006.01); **C07D 303/22** (2006.01); **C07F 7/08** (2006.01); **C09K 19/32** (2006.01); **C09K 19/34** (2006.01); **C09K 19/40** (2006.01)

CPC (source: EP)

C07C 45/68 (2013.01); **C07C 45/71** (2013.01); **C07C 49/697** (2013.01); **C07C 49/755** (2013.01); **C07C 69/017** (2013.01); **C07D 213/61** (2013.01); **C07D 213/64** (2013.01); **C07D 303/22** (2013.01); **C07F 7/0812** (2013.01); **C09K 19/322** (2013.01); **C09K 19/3444** (2013.01); **C09K 19/406** (2013.01); **C09K 19/3405** (2013.01); **C09K 19/3411** (2013.01); **C09K 2019/324** (2013.01); **C09K 2019/3408** (2013.01); **C09K 2019/3422** (2013.01); **C09K 2019/3425** (2013.01)

Citation (search report)

See references of WO 9827045A1

Designated contracting state (EPC)

DE

DOCDB simple family (publication)

DE 19652246 A1 19980618; EP 0944570 A1 19990929; WO 9827045 A1 19980625

DOCDB simple family (application)

DE 19652246 A 19961216; EP 9706996 W 19971212; EP 97953802 A 19971212