

Title (en)

NOVEL CHROMOPHORES FOR POLYMERIC THIN FILMS AND OPTICAL WAVEGUIDES AND DEVICES COMPRISING THE SAME

Title (de)

NEUE CHROMOPHORE FÜR POLYMERFILME UND OPTISCHE WELLENLEITER UND DIESE ENTHALTENDE VORRICHTUNGEN

Title (fr)

NOUVEAUX CHROMOPHORES DE FILMS MINCES POLYMERES ET GUIDES D'ONDES OPTIQUES, ET DISPOSITIFS RENFERMANT CEUX-CI

Publication

**EP 1290000 A1 20030312 (EN)**

Application

**EP 01937449 A 20010516**

Priority

- US 0115827 W 20010516
- US 59522100 A 20000616
- US 67596600 A 20000929

Abstract (en)

[origin: WO0198310A1] The present invention is directed to chromophores having novel electron withdrawing groups and novel bivalent cyclic bridges and to optical waveguides and optical devices having polymeric thin films which contain the novel chromophores.

IPC 1-7

**C07D 307/68; C07D 307/94; C07D 333/20; C07D 333/22; C07D 409/06; G02F 1/361**

IPC 8 full level

**C07D 307/68** (2006.01); **C07D 307/94** (2006.01); **C07D 333/20** (2006.01); **C07D 333/22** (2006.01); **C07D 409/06** (2006.01);  
**G02F 1/361** (2006.01); **G02B 6/12** (2006.01)

CPC (source: EP)

**C07D 307/68** (2013.01); **C07D 307/94** (2013.01); **C07D 333/20** (2013.01); **C07D 333/22** (2013.01); **C07D 409/06** (2013.01);  
**G02F 1/361** (2013.01); **G02F 1/3612** (2013.01); **G02F 1/3614** (2013.01); **G02F 1/3616** (2013.01); **G02F 1/3617** (2013.01);  
**G02B 2006/12069** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 0198310 A1 20011227**; AU 6318701 A 20020102; CA 2411963 A1 20011227; CN 1425018 A 20030618; EP 1290000 A1 20030312;  
EP 1290000 A4 20050720; JP 2004501159 A 20040115

DOCDB simple family (application)

**US 0115827 W 20010516**; AU 6318701 A 20010516; CA 2411963 A 20010516; CN 01808356 A 20010516; EP 01937449 A 20010516;  
JP 2002504265 A 20010516