

Title (en)
MONOSTABLE FERROELECTRIC ACTIVE-MATRIX DISPLAY

Title (de)
MONOSTABILES FERROELEKTRISCHES AKTIVMATRIX-DISPLAY

Title (fr)
AFFICHAGE A MATRICE ACTIVE MONOSTABLE FERRO-ELECTRIQUE

Publication
EP 1080389 A1 20010307 (DE)

Application
EP 99925011 A 19990519

Priority

- DE 19822830 A 19980520
- EP 9903437 W 19990519

Abstract (en)
[origin: DE19822830A1] A monostable ferroelectric active matrix display has a single domain liquid crystal layer with a specified angle between the layer normal (z) and the preferred orientation (n) of the nematic or cholesteric phase (N asterisk phase). A monostable ferroelectric active matrix display, containing a liquid crystal layer in the form of a single domain with a clearly defined direction of the layer normal (z) of the smC asterisk phase, the layer normal (z) and the preferred orientation (n) of the nematic or cholesteric phase (N asterisk phase) form an angle of more than 5 deg . Independent claims are also included for the following: (i) production of the above active matrix display; and (ii) an active matrix display produced by the above process.

IPC 1-7
G02F 1/141

IPC 8 full level
G02F 1/141 (2006.01)

CPC (source: EP KR US)
G01N 35/0098 (2013.01 - KR); **G02F 1/141** (2013.01 - KR); **G02F 1/1416** (2013.01 - EP US); **G01N 2021/054** (2013.01 - KR)

Citation (search report)
See references of WO 9960441A1

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