

Title (en)

METHODS FOR DRIVING FOUR PARTICLE ELECTROPHORETIC DISPLAY

Title (de)

VERFAHREN ZUR ANSTEUERUNG EINER ELEKTROPHORETISCHEN ANZEIGE MIT VIER TEILCHEN

Title (fr)

PROCÉDÉS DE COMMANDE D'AFFICHAGE ÉLECTROPHORÉTIQUE À QUATRE PARTICULES

Publication

EP 3692519 A4 20210623 (EN)

Application

EP 18864896 A 20181003

Priority

- US 201715724718 A 20171004
- US 2018054069 W 20181003

Abstract (en)

[origin: WO2019070787A1] The present invention provides driving methods for a color display device in which each pixel can display four high-quality color states. More specifically, an electrophoretic fluid is provided which comprises four types of particles, dispersed in a solvent or solvent mixture.

IPC 8 full level

G09G 3/34 (2006.01); **G02F 1/167** (2019.01); **G09G 3/20** (2006.01)

CPC (source: EP KR)

G02F 1/167 (2013.01 - KR); **G09G 3/2003** (2013.01 - KR); **G09G 3/344** (2013.01 - EP KR); **G02F 2001/1678** (2013.01 - EP KR); **G02F 2203/34** (2013.01 - KR); **G09G 2300/0452** (2013.01 - KR); **G09G 2300/0473** (2013.01 - KR); **G09G 2310/067** (2013.01 - KR); **G09G 2310/068** (2013.01 - EP KR)

Citation (search report)

- [Y] US 2016140909 A1 20160519 - LIN CRAIG [US], et al
- [Y] US 2016293111 A1 20161006 - LIN CRAIG [US], et al
- See references of WO 2019070787A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2019070787 A1 20190411; CN 111149149 A 20200512; CN 111149149 B 20220823; EP 3692519 A1 20200812; EP 3692519 A4 20210623; JP 2020536284 A 20201210; JP 6967147 B2 20211117; KR 102373214 B1 20220310; KR 20200051050 A 20200512

DOCDB simple family (application)

US 2018054069 W 20181003; CN 201880061918 A 20181003; EP 18864896 A 20181003; JP 2020519135 A 20181003; KR 20207012658 A 20181003