

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 A1 20200812 (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)

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Designated extension state (EPC)

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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

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