

Title (en)  
MEMORY-IN-PIXEL DISPLAY

Title (de)  
SPEICHER-IN-PIXEL-ANZEIGE

Title (fr)  
AFFICHAGE À MÉMOIRE DANS PIXEL

Publication  
**EP 3791380 A1 20210317 (EN)**

Application  
**EP 19724682 A 20190503**

Priority

- US 201862668707 P 20180508
- US 201862668709 P 20180508
- US 201862668716 P 20180508
- US 201916399792 A 20190430
- US 201916399797 A 20190430
- US 201916399805 A 20190430
- US 2019030686 W 20190503

Abstract (en)  
[origin: WO2019217242A1] An electronic display (18) may include an active area having a first pixel (70) formed in the active area, where the first pixel (70) emits light in response to image data (86). The electronic display (18) may also include a controller (60, 62, 54) to transmit the image data (86) to the first pixel (70). The first pixel (70) may include memory (78) to digitally store the image data (86) received from the controller (60, 62, 54) and driver circuitry (80) to receive the image data (86) from the memory (78). The driver circuitry (80) may cause light to be emitted in response to the image data (86).

IPC 8 full level  
**G09G 3/20** (2006.01); **G09G 3/3258** (2016.01)

CPC (source: CN EP KR)  
**G09G 3/20** (2013.01 - CN); **G09G 3/2014** (2013.01 - EP KR); **G09G 3/2018** (2013.01 - EP KR); **G09G 3/2022** (2013.01 - EP KR); **G09G 3/28** (2013.01 - CN KR); **G09G 3/32** (2013.01 - CN); **G09G 3/3233** (2013.01 - CN); **G09G 3/3258** (2013.01 - EP KR); **G09G 3/3648** (2013.01 - CN KR); **G09G 2300/0819** (2013.01 - EP KR); **G09G 2300/0857** (2013.01 - EP KR); **G09G 2300/0861** (2013.01 - EP KR); **G09G 2310/0251** (2013.01 - EP KR); **G09G 2310/0259** (2013.01 - EP KR); **G09G 2310/0297** (2013.01 - EP KR)

Citation (search report)  
See references of WO 2019217242A1

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2019217242 A1 20191114**; CN 110459174 A 20191115; CN 110459174 B 20220607; CN 114783368 A 20220722; EP 3791380 A1 20210317; JP 2021523407 A 20210902; JP 2022191226 A 20221227; KR 102321174 B1 20211103; KR 20200140386 A 20201215; TW 201947575 A 20191216; TW I732213 B 20210701

DOCDB simple family (application)  
**US 2019030686 W 20190503**; CN 201910381388 A 20190508; CN 202210546262 A 20190508; EP 19724682 A 20190503; JP 2020562620 A 20190503; JP 2022143903 A 20220909; KR 20207034452 A 20190503; TW 108115938 A 20190508