

Title (en)

ELECTRONIC DEVICE COMPRISING FLEXIBLE DISPLAY, AND OPERATION METHOD THEREFOR

Title (de)

ELEKTRONISCHE VORRICHTUNG MIT FLEXIBLER ANZEIGE UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF ÉLECTRONIQUE COMPRENANT UN ÉCRAN FLEXIBLE ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

Publication

EP 4318457 A1 20240207 (EN)

Application

EP 22791947 A 20220413

Priority

- KR 20210053205 A 20210423
- KR 2022005316 W 20220413

Abstract (en)

An electronic device comprises: a flexible display capable of extending in a first edge direction; a housing; a display driving circuit; and a processor, wherein the display driving circuit applies dimming on the basis of a first dimming depth in the first edge direction from a first starting point separated by a first width from a first edge, forms a dimming layer, to which the dimming is applied, on the basis of a second dimming depth in a second edge direction from a second starting point separated by a second width from the second edge that is opposite to the first edge, and sets the first and second widths and the first and second dimming depths to be each equal to each other according to the identification of the first state, and sets the first and second widths and the first and second dimming depths to be each different from each other according to the identification of the second state.

IPC 8 full level

G09G 5/10 (2006.01)

CPC (source: EP KR)

G09G 3/035 (2020.08 - EP); **G09G 3/32** (2013.01 - EP); **G09G 5/10** (2013.01 - EP KR); **G09G 2310/0232** (2013.01 - EP); **G09G 2320/0233** (2013.01 - EP KR); **G09G 2320/0285** (2013.01 - EP); **G09G 2320/043** (2013.01 - EP KR); **G09G 2320/046** (2013.01 - EP); **G09G 2320/048** (2013.01 - EP); **G09G 2320/0626** (2013.01 - EP); **G09G 2320/0686** (2013.01 - EP); **G09G 2360/16** (2013.01 - EP KR); **G09G 2380/02** (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4318457 A1 20240207; **EP 4318457 A4 20240710**; CN 117203700 A 20231208; KR 20220146217 A 20221101; WO 2022225247 A1 20221027

DOCDB simple family (application)

EP 22791947 A 20220413; CN 202280030420 A 20220413; KR 20210053205 A 20210423; KR 2022005316 W 20220413