

# 1. US20190278323 - SYSTEM FOR COLOR AND BRIGHTNESS OUTPUT MANAGEMENT IN A DUAL DISPLAY DEVICE

National Biblio. Data	Description	Claims	Drawings	Documents
-----------------------	-------------	--------	----------	-----------

PermaLink Machine translation

**Office**

United States of America

**Application Number**

15912913

**Application Date**

06.03.2018

**Publication Number**

20190278323

**Publication Date**

12.09.2019

**Publication Kind**

A1

**IPC**

- G06F 1/16
- H01L 27/32
- G06F 3/041
- G06F 3/0488

[View more classifications](#)

**CPC**

- H01L 27/3211
- G06F 1/1616
- G06F 1/1643
- G09G 2320/046
- G06F 3/04886
- H01L 27/323

[View more classifications](#)

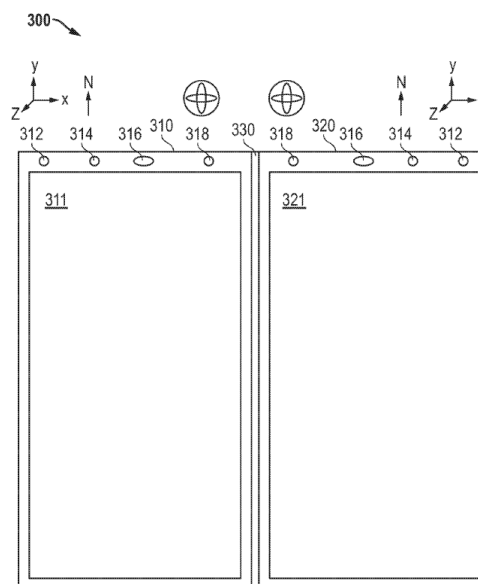
**Applicants**

Dell Products, LP

**Inventors**

**Title**

**[EN]** SYSTEM FOR COLOR AND BRIGHTNESS OUTPUT MANAGEMENT IN A DUAL DISPLAY DEVICE



**Abstract**

**[EN]**

A dual display housing information handling system and method comprising a first display screen side having a first portion or first display panel of a display screen, a second display screen side, hinged to the first display screen side, having a second portion or a second display panel of the display screen, and a second display screen side RGB detector to activate and the first display to test flash and a first display screen side RGB detector to activate and the second display to test flash and. A controller to determine operating color temperature shift for comparison to detect burn-in differences from color

Deeder M. Aurongzeb  
Lawrence E. Knepper

temperature readings by the first display screen side RGB detector and the second display screen side RGB detector, and if the difference between operating color temperatures measured between the first portion of the display screen and second portion of the display screen reaches a threshold difference, the controller implementing display color shift management to provide adjusted color mapping data to adjust at least one color component of the first or second display screen side to balance the operating color temperatures between the first portion of the display screen and second portion of the display screen.

