

Title (en)  
DISPLAY UNIT AND DISPLAYING METHOD

Title (de)  
ANZEIGEEINHEIT UND ANZEIGEVERFAHREN

Title (fr)  
UNITE D'AFFICHEUR ET PROCEDE D'AFFICHAGE

Publication  
**EP 1583063 A4 20090429 (EN)**

Application  
**EP 03796242 A 20031226**

Priority  

- JP 0317008 W 20031226
- JP 2003000242 A 20030106
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Abstract (en)  
[origin: WO2004061810A1] Luminous and non-luminous combination patterns in the n-th to m-th sub-fields (m and n are positive integers smaller than the number of all sub-fields, and  $m > n$ ) in first to fourth pixels vertically and laterally adjacent to respective areas on a display panel are different from each other. The gradation values displayed respectively by a first and second pixels located in one diagonal position out of first to fourth pixels vertically and laterally adjacent to respective areas on a display panel are lower than an average of gradation values displayed by first to fourth pixels, and the gradation values displayed respectively by a third and fourth pixels located in the other diagonal position are higher than an average of gradation values displayed by first to fourth pixels.

IPC 1-7  
**G09G 3/20**; **G09G 3/28**

IPC 8 full level  
**H04N 5/66** (2006.01); **G09G 3/20** (2006.01); **G09G 3/291** (2013.01); **G09G 3/294** (2013.01); **G09G 3/296** (2013.01)

CPC (source: EP KR)  
**G09G 3/2022** (2013.01 - EP); **G09G 3/2051** (2013.01 - EP); **G09G 3/2059** (2013.01 - EP); **G09G 3/2062** (2013.01 - EP);  
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**G09G 2320/0266** (2013.01 - EP); **G09G 2320/10** (2013.01 - EP)

Citation (search report)  

- No further relevant documents disclosed
- See references of WO 2004061810A1

Cited by  
US7786971B2; US8059143B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1583063 A1 20051005**; **EP 1583063 A4 20090429**; JP 2004233980 A 20040819; JP 4606735 B2 20110105; KR 100688846 B1 20070302;  
KR 20050093818 A 20050923; TW 200417964 A 20040916; TW I347582 B 20110821; WO 2004061810 A1 20040722

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