

Title (en)
TRANSPARENT LIGHT SENSING DEVICE, IN PARTICULAR FOR AN ELECTRONIC DISPLAY DEVICE, AND A METHOD FOR MONITORING AN ELECTRONIC DISPLAY

Title (de)
TRANSPARENTE LICHTMESSVORRICHTUNG, INSBESONDERE FÜR EINE ELEKTRONISCHE ANZEIGEVORRICHTUNG UND VERFAHREN ZUR ÜBERWACHUNG EINER ELEKTRONISCHEN ANZEIGE

Title (fr)
DISPOSITIF DE DÉTECTION DE LUMIÈRE TRANSPARENT, EN PARTICULIER POUR UN DISPOSITIF D’AFFICHAGE ÉLECTRONIQUE ET PROCÉDÉ PERMETTANT DE SURVEILLER UN DISPOSITIF D’AFFICHAGE ÉLECTRONIQUE

Publication
EP 3079141 A1 20161012 (EN)

Application
EP 15162819 A 20150408

Priority
EP 15162819 A 20150408

Abstract (en)
A transparent light sensing device comprises a sensing element having a plurality of transparent sensor areas that comprise a light-sensitive material, wherein each sensor area is configured to convert light passing through the sensor area into an electrical signal; and an detector circuit for processing the electrical signal received from each of the sensor areas into a format that can be processed by a computer or an embedded system.

IPC 8 full level
G09G 3/20 (2006.01)

CPC (source: EP)
G09G 3/20 (2013.01); **G09G 3/006** (2013.01); **G09G 3/3406** (2013.01); **G09G 3/36** (2013.01); **G09G 5/10** (2013.01); **G09G 2320/062** (2013.01); **G09G 2320/0626** (2013.01); **G09G 2320/0666** (2013.01); **G09G 2330/12** (2013.01); **G09G 2360/144** (2013.01); **G09G 2360/147** (2013.01); **G09G 2380/10** (2013.01)

Citation (search report)

- [XYI] US 2011273413 A1 20111110 - WOESTENBORGHS WOUTER [BE], et al
- [X] JP 2001041852 A 20010216 - FUJITSU KIDEN
- [X] US 2011141060 A1 20110616 - KIM SUN-IL [KR], et al
- [A] US 2015070257 A1 20150312 - CAMPBELL KEITH M [US], et al
- [A] US 2005140929 A1 20050630 - NAMBUDIRI NARAYAN [US], et al
- [Y] JP 2004361457 A 20041224 - FUJITSU TEN LTD
- [Y] JP 2010230909 A 20101014 - SHARP KK
- [A] EP 0854424 A1 19980722 - GEC ALSTHOM TRANSPORT SA [FR]

Cited by
IT202200006290A1; CN113226826A; JP2020042189A; DE102018130151A1; DE102018130150A1; US11594159B2; EP3680883A1; EP3748620A1; CN112053773A; CN113261044A; CN114544146A; WO2020007557A1; WO2020143953A1; WO2024055318A1

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)
EP 3079141 A1 20161012

DOCDB simple family (application)
EP 15162819 A 20150408