

Title (en)

Screen saver via on screen display (OSD) percentage detection

Title (de)

Bildschirmschoner mittels Bildschirmanzeige-Prozentsatzdetektion

Title (fr)

Économiseur d'écran via une détection de pourcentage d'affichage d'écran (OSD)

Publication

EP 2031579 A2 20090304 (EN)

Application

EP 08160851 A 20080722

Priority

TR 200705955 A 20070828

Abstract (en)

A method and system for protecting the display devices against the pixel burn-in problem is described. The method can also be applied to all set-top boxes and display devices that need similar protection. The method provides a screen saving method by calculating the OSD percentage value and according to changes in this value and activating the screen protection procedure. These percentage values are used to determine the static OSD during a pre-determined time period. If OSD is perceived as static during the period, pixel burn-in protection methods are activated. The method is independent from user actions.

IPC 8 full level

G09G 5/00 (2006.01)

CPC (source: EP)

G09G 5/00 (2013.01); **G09G 2320/029** (2013.01); **G09G 2320/046** (2013.01); **G09G 2320/103** (2013.01); **G09G 2340/12** (2013.01)

Citation (applicant)

- US 6563495 B1 20030513 - GRIEPENTROG DAL FRANK [US]
- JP 2007212625 A 20070823 - MATSUSHITA ELECTRIC IND CO LTD
- JP 2006259287 A 20060928 - NEC VIEWTECHNOLOGY LTD

Cited by

CN105142034A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2031579 A2 20090304; **EP 2031579 A3 20091021**; TR 200705955 A2 20090323

DOCDB simple family (application)

EP 08160851 A 20080722; TR 200705955 A 20070828