Title (en)

Aging compensation for display boards comprising light emitting elements

Title (de)

Alterungskompensation für Anzeigetafeln mit lichtemittierenden Elementen

Title (fr)

Compensation de vieillissement des tableaux d'affichage comprenant des éléments émettant de la lumière

Publication

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Application

EP 07013567 A 20070711

Priority

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- EP 07013567 A 20070711

Abstract (en)

The present invention provides a display board (30) comprising an array of light emitting elements (31), a driving means (32) for driving the light emitting elements (31) with image data, and an aging determination means (33). The aging determination means (33) comprises one or more light emitting elements for emitting light representative of the light emitted by the light emitting elements (31) of the display board (30), and at least o ne reference light emitting element (35) which, during use of the display board (30) is not driven. At the time of a n intermediate calibration, the at least one reference light emitting element (35) is driven with calibration data and the light emitted by the reference light emitting element (35) is measured, as well as light representative of the light emitted by the light emitting elements. The difference between the light emitted by the at least one reference light emitting element (35) and the light representative of the light emitted by the light emitting elements is a measure for the degree of aging of the light emitting elements (31) of the array.

IPC 8 full level

G09G 3/32 (2006.01)

CPC (source: EP)

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Citation (search report)

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