Title (en)

A METHOD, APPARATUS AND COMPUTER PROGRAM FOR ENCODING VISIBLE LIGHT COMMUNICATION INFORMATION IN AN IMAGE FRAME

Title (de)

VERFAHREN, VORRICHTUNG UND COMPUTERPROGRAMM ZUR CODIERUNG SICHTBARER LICHTKOMMUNIKATIONSINFORMATIONEN IN EINEM BILDRAHMEN

Title (fr)

PROCÉDÉ, APPAREIL ET PROGRAMME INFORMATIQUE PERMETTANT DE CODER DES INFORMATIONS DE COMMUNICATION DE LUMIÈRE VISIBLE DANS UNE TRAME D'IMAGE

Publication

EP 3503081 B1 20230531 (EN)

Application

EP 17210157 A 20171222

Priority

EP 17210157 A 20171222

Abstract (en)

[origin: EP3503081A1] A method of encoding visible light communication information in an image frame to be displayed at a display screen includes measuring the temperature (104) of at least one portion of the display screen during use. The method also includes encoding the visible light communication information in the image frame so as to be displayed at the at least one portion of the display screen. This is done by setting at least one of the luminosity and the hue of the pixels at the at least one portion of the display screen dependent on the measured temperature (104) of the at least one portion of the display screen.

IPC 8 full level

G09G 3/20 (2006.01)

CPC (source: EP)

G09G 3/20 (2013.01); G09G 3/2003 (2013.01); G09G 2320/041 (2013.01); G09G 2330/026 (2013.01); G09G 2330/045 (2013.01)

Citation (examination)

US 8890773 B1 20141118 - PEDERSON JOHN C [US]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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