

Title (en)

METHOD OF CODING OF A DIGITAL COLOR IMAGE INCLUDING MARKING INFORMATION

Title (de)

VERFAHREN ZUR VERSCHLÜSSELUNG EINES DIGITALFARBILDES MIT MARKIERUNGSIONFORMATIONEN

Title (fr)

PROCEDE DE CODAGE D'UNE IMAGE NUMERIQUE COULEUR COMPORTANT UNE INFORMATION DE MARQUAGE

Publication

EP 2025143 A1 20090218 (FR)

Application

EP 07765287 A 20070529

Priority

- EP 2007055201 W 20070529
- FR 0605002 A 20060606

Abstract (en)

[origin: WO2007141162A1] The domain of the invention is that of the reliability of the operation of visualisation systems. The applicable domain is, more precisely, that of cockpit systems installed in airplanes. The invention concerns a pixel coding process of a digital color image including critical symbols represented by critical pixels, each colored pixel being coded into three numerical components, each including the same number of bits. The components of the critical pixels include, on the one hand, information concerning the color and on the other, an additional marker known as a coded "tag" on at least one bit, said marker being intended to be used by the generation and prediction functions of the critical symbols.

IPC 8 full level

H04N 1/64 (2006.01)

CPC (source: EP US)

H04N 1/64 (2013.01 - EP US); **H04N 19/184** (2014.11 - EP US); **H04N 19/467** (2014.11 - EP US)

Citation (search report)

See references of WO 2007141162A1

Designated contracting state (EPC)

BE DE FR GB NL

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

FR 2901946 A1 20071207; **FR 2901946 B1 20081121**; EP 2025143 A1 20090218; US 2009243893 A1 20091001; WO 2007141162 A1 20071213

DOCDB simple family (application)

FR 0605002 A 20060606; EP 07765287 A 20070529; EP 2007055201 W 20070529; US 30331907 A 20070529