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(71) Applicant: INTERDIGITAL VC HOLDINGS, INC.

[US/US]; 200 Bellevue Parkway, Suite 300, Wilmington, Delaware 19809 (US).

(72) Inventors: ANDRIVON, Pierre; Technicolor R&D

France, 975 avenue des Champs Blancs, ZAC des Champs Blancs - CS 17616, 35576 Cesson-Sevigne (FR). CO-

LAITIS, Marie-Jean; Technicolor R&D France, 975 avenue des Champs Blancs, ZAC des Champs Blancs - CS 17616, 35576 Cesson-Sevigne (FR). TOUZE, David; Technicolor R&D France, 975 avenue des Champs Blancs, ZAC des Champs Blancs - CS 17616, 35576 Cesson-Sevigne (FR).

(74) Agent: DORINI, Brian J. et al.; Interdigital VC Holdings, INC., Four Research Way, 3RD Floor, Princeton, New Jersey 08540 (US).

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(54) Title: DECODING AN IMAGE

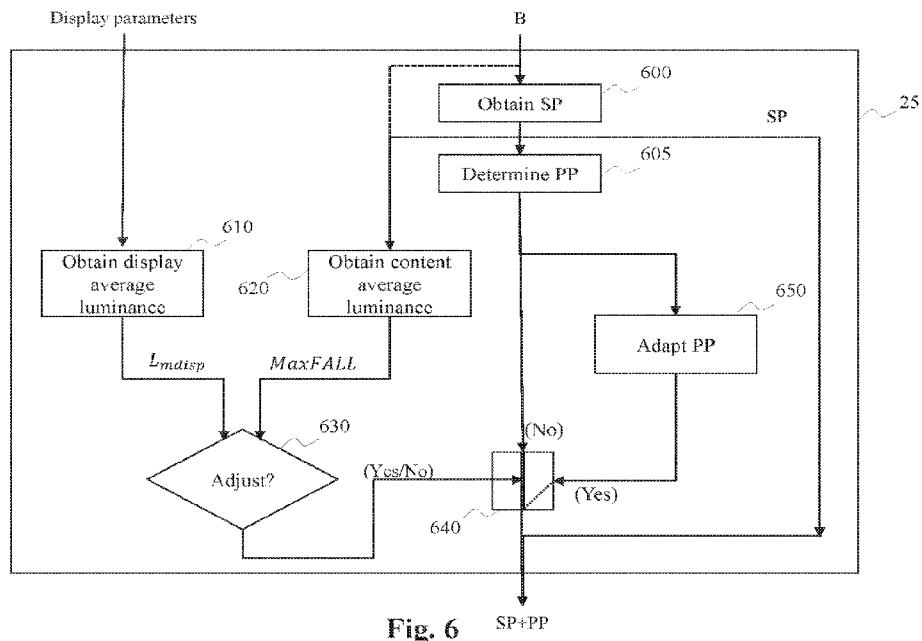


Fig. 6

(57) Abstract: A method for decoding an image enables to preserve artistic intent at the final rendering stage by adjusting the image to luminance characteristics of the content and of the presentation display that will display the image. Values representative of luminance of both the image and the display device are obtained. Parameters of a display adaptation function are adjusted according to these values and the adjusted display adaptation function is used to decode the image. In at least one embodiment, the adjusted display adaptation function relates to a tone mapping function. Corresponding apparatus implementing the method is also described.



SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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A. CLASSIFICATION OF SUBJECT MATTER
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ADD.
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols)
H04N
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2016/017058 A1 (SONY CORP [JP]) 4 February 2016 (2016-02-04)	1-3, 7-13, 17-20
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See patent family annex.

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	PYTLARZ J A ET AL: "Real time cross-mapping of high dynamic range images", INTERNATIONAL BROADCASTING CONFERENCE 2016; 8 SEPTEMBER 2016 - 12 SEPTEMBER 2016; AMSTERDAM,, 8 September 2016 (2016-09-08), XP030082612, DOI: 10.1049/IBC.2016.0014	1-3, 7-13, 17-20
Y	section "Tone mapping" and figure 4	4-6, 14-16
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