

(12) International Application Status Report

Received at International Bureau: 21 May 2007 (21.05.2007)

Information valid as of: (..)

Report generated on: 07 March 2021 (07.03.2021)

(10) Publication number:

WO2007/129591

(43) Publication date:

15 November 2007 (15.11.2007)

(26) Publication language:

Japanese (JA)

(21) Application Number:

PCT/JP2007/059029

(22) Filing Date:

26 April 2007 (26.04.2007)

(25) Filing language:

Japanese (JA)

(31) Priority number(s):

2006-130184 (JP)

(31) Priority date(s):

09 May 2006 (09.05.2006)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

G06T 7/20 (2006.01)

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(54) Title (EN): SHIELDING-OBJECT VIDEO-IMAGE IDENTIFYING DEVICE AND METHOD

(54) Title (FR): DISPOSITIF ET PROCEDURE D'IDENTIFICATION D'IMAGE VIDEO D'OBJET DE BLINDAGE

(54) Title (JA): 遮蔽物映像識別装置及び方法

(57) Abstract:

(EN): A shielding-object video-image identifying device analyzes frequencies at a block unit consisting of a pixel unit or a plurality of pixels at every frame of a video signal, calculate a moving level or a blur level at a pixel unit or a block unit in accordance with a result of the frequency analysis, binary-codes its level calculated value, detects a two-dimensional continuous region, extracts a big region in its regions, and judges the big region in accordance with at least one of an area ratio, a shape or a position of the extracted big region.

(FR): La présente invention concerne un dispositif d'identification d'image vidéo d'objet de blindage qui analyse des fréquences au niveau d'une unité de bloc consistant en une unité de pixel ou une pluralité de pixels à chaque trame d'un signal vidéo, calcule un niveau de déplacement ou un niveau de flou au niveau d'une unité de pixel ou une unité de bloc selon un résultat de l'analyse de fréquence, code de manière binaire sa valeur calculée de niveau, détecte une région continue bidimensionnelle, extrait une grande région dans ses régions, et évalue la grande région selon au moins un parmi un rapport de section, une forme ou une position de la grande région extraite.

(JA): 映像信号をフレーム毎に画素単位又は複数の画素からなるブロック単位で周波数解析し、その周波数解析結果に応じて画素単位又はブロック単位で動きレベル又はぼけレベルを算出し、そのレベルの算出値を2値化した後、2次元連続領域を検出し、更にその領域のうちの大領域を抽出して大領域における面積比、形状及び位置の少なくとも1に基づいてその大領域を遮蔽物部分として判定する。

International search report:

Received at International Bureau: 08 June 2007 (08.06.2007) [JP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW

European Patent Office (EPO) : AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR

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