Title (en)
METHOD FOR INSERTING INFORMATION INTO AN IMAGE AND CORRESPONDING DEVICE

Title (de)
VERFAHREN ZUM EINFÜGEN VON INFORMATIONEN IN EIN BILD UND ENTSPRECHENDE VORRICHTUNG

Title (fr)
PROCÉDÉ D'INSERTION D'UNE INFORMATION DANS UNE IMAGE ET DISPOSITIF CORRESPONDANT

Publication
EP 4026085 A1 20220713 (FR)

Application
EP 20761865 A 20200902

Priority
• FR 1909841 A 20190906
• EP 2020074457 W 20200902

Abstract (en)
[origin: WO2021043817A1] A method for inserting information into a first image comprising N1 rows x M1 columns of elements comprises the following steps: a) obtaining (E21), from the first image, a second image comprising N0 rows x M0 columns of elements, with N0≤N1 and M0≤M1, b) generating (E22), from the second image, initial information comprising N0 rows x M0 columns of elements, c) obtaining, from the generated initial information, intermediate information comprising N4 rows x M4 columns of elements, such that N4≥N1 and M4≥M1 on the one hand, and N4=kx.N0 and M4=ky.M0 on the other hand, kx and ky being integers greater than or equal to 1, the elements of the intermediate information being organised into blocks, d) obtaining (E23) the information to be inserted from the intermediate information, comprising, for at least one block of intermediate information: - generating a sequence of symbols representative of a noise, comprising as many symbols as there are elements included in the block, at least one of the symbols not being zero, such that the result of a predetermined function applied to the symbols is equal to a chosen value, - adding each symbol to the corresponding element of the block, and e) inserting (E24) the obtained information into the first image.

IPC 8 full level
G06T 1/00 (2006.01)

CPC (source: EP US)
G06T 1/0028 (2013.01 - EP US); **G06T 1/005** (2013.01 - EP US); G06T 2201/0051 (2013.01 - EP); G06T 2201/0061 (2013.01 - EP US); G06T 2201/0065 (2013.01 - EP); G06T 2201/0083 (2013.01 - EP)

Citation (search report)
See references of WO 2021043817A1

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BA ME

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