Title (en)

METHOD AND SYSTEM FOR SEARCHING FOR SIMILAR IMAGES THAT IS NEARLY INDEPENDENT OF THE SCALE OF THE COLLECTION OF IMAGES

Title (de)

VERFAHREN UND SYSTEM ZUM SUCHEN NACH ÄHNLICHEN BILDERN, DIE IST BEINAHE UNABHÄNGIG VOM MASSSTAB DER BILDERSAMMLUNG SIND

Title (fr)

PROCÉDÉ ET SYSTÈME DE RECHERCHE D'IMAGES SIMILAIRES QUASI-INDÉPENDANT DE L'ÉCHELLE DE LA COLLECTION D'IMAGES

Publication

EP 3356955 A1 20180808 (FR)

Application

EP 16775629 A 20160927

Priority

- FR 1559289 A 20150930
- EP 2016072922 W 20160927

Abstract (en)

[origin: WO2017055250A1] The invention concerns a method for searching for images similar to a query image (Ir) in a collection of images, said method using a representation of the query image in the form of a vector of characteristics allocating a weight to each of the characteristics, and comprising a step of querying (LTU) an inverted index (II) matching each of the characteristics (C1-C5) with images from the collection (I6-I8, I1-I2), characterised in that the step of querying the inverted index comprises an operation of integrating, into a list, one or more images (I6-I8) from the collection that are matched in the inverted index with a first characteristic (C3) selected depending on the weight allocated to same in the vector representing the query image, the operation of integrating into the list being repeated for another characteristic (C1) selected depending on the weight allocated to same in the vector representing the query image until the number of images of the collection integrated into the list reaches a target number.

IPC 8 full level

G06F 17/30 (2006.01)

CPC (source: EP US)

G06F 16/24578 (2018.12 - EP US); **G06F 16/51** (2018.12 - EP US); **G06F 16/56** (2018.12 - EP US); **G06F 16/583** (2018.12 - EP US); **G06F 16/5838** (2018.12 - EP US)

Citation (search report)

See references of WO 2017055250A1

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