Title (en)

REVERSE IMAGE SEARCH BASED ON DEEP NEURAL NETWORK (DNN) MODEL AND IMAGE-FEATURE DETECTION MODEL

Title (de)

UMGEKEHRTE BILDSUCHE AUF BASIS EINES MODELLS EINES TIEFEN NEURONALEN NETZWERKS (DNN) UND BILDMERKMALSDETEKTIONSMODELL

Title (fr)

RECHERCHE D'IMAGE INVERSE BASÉE SUR UN MODÈLE DE RÉSEAU NEURONAL PROFOND (DNN) ET MODÈLE DE DÉTECTION DE CARACTÉRISTIQUE D'IMAGE

Publication

EP 4323892 A1 20240221 (EN)

Application

EP 22727446 A 20220518

Priority

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Abstract (en)

[origin: WO2022243912A1] An electronic device and method for reverse image search is provided. The electronic device receives an image. The electronic device extracts, by a DNN model, a first set of image features associated with the image and generates a first feature vector based on the first set of image features. The electronic device extracts, by an image-feature detection model, a second set of image features associated with the image and generates a second feature vector based on the second set of image features. The electronic device generates a third feature vector based on combination of the first and second feature vectors. The electronic device determines a similarity metric between the third feature vector and a fourth feature vector of each of a set of pre-stored images and identifies a pre-stored image based on the similarity metric. The electronic device controls a display device to display information associated with the pre-stored image.

IPC 8 full level

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CPC (source: EP)

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