

Title (en)

IMAGE ENCODING METHOD AND EQUIPMENT FOR IMPLEMENTING THE METHOD

Title (de)

BILDCODIERUNGSVERFAHREN UND AUSRÜSTUNG ZUR UMSETZUNG DES VERFAHRENS

Title (fr)

PROCEDE D'ENCODAGE D'IMAGE ET EQUIPEMENT POUR LA MISE EN OEUVRE DU PROCEDE

Publication

EP 3350996 A1 20180725 (FR)

Application

EP 16766945 A 20160915

Priority

- FR 1558768 A 20150917
- EP 2016071875 W 20160915

Abstract (en)

[origin: WO2017046273A1] In order to encode an image divided into blocks of a set of images, each block being encoded according to one of a plurality of encoding modes comprising at least one temporal correlation prediction encoding mode utilising a plurality of images, a motion estimation vector search area is defined in a second image of the set of images, distinct from the first image and previously encoded according to a predefined sequence of encoding images of the set of images, a portion at least of the search area having substantially the shape of an ovoid, the data from the search area is stored in a cache memory, a motion estimation vector of the current block is determined by a search in the search area loaded in the cache memory, and the motion estimation vector is used to decide the encoding of the current block according to the one of the plurality of encoding modes.

IPC 8 full level

H04N 19/433 (2014.01)

CPC (source: EP US)

H04N 19/176 (2014.11 - US); **H04N 19/433** (2014.11 - EP US); **H04N 19/436** (2014.11 - EP); **H04N 19/533** (2014.11 - US)

Citation (search report)

See references of WO 2017046273A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017046273 A1 20170323; EP 3350996 A1 20180725; FR 3041495 A1 20170324; FR 3041495 B1 20171020; IL 257846 A 20180430; US 10999586 B2 20210504; US 2020228810 A1 20200716

DOCDB simple family (application)

EP 2016071875 W 20160915; EP 16766945 A 20160915; FR 1558768 A 20150917; IL 25784618 A 20180304; US 201615759039 A 20160915