

Title (en)
SELECTIVE PERCEPTUAL MASKING VIA SCALE SEPARATION IN THE SPATIAL AND TEMPORAL DOMAINS USING INTRINSIC IMAGES FOR USE IN DATA COMPRESSION

Title (de)
SELEKTIVE WAHRNEHMUNGSMASKIERUNG MITTELS SKALENTRENNUNG IN RÄUMLICHEN UND ZEITLICHEN BEREICHEN MIT INTRINSISCHEN BILDERN ZUR VERWENDUNG IN DER DATENKOMPRIMIERUNG

Title (fr)
MASQUAGE PERCEPTIF SÉLECTIF PAR L'INTERMÉDIAIRE D'UNE SÉPARATION D'ÉCHELLE DANS LES DOMAINES SPATIAL ET TEMPOREL À L'AIDE D'IMAGES INTRINSÈQUES, DESTINÉ À ÊTRE UTILISÉ DANS UNE COMPRESSION DE DONNÉES

Publication
EP 2973225 A4 20161116 (EN)

Application
EP 14778085 A 20140226

Priority

- US 201313796372 A 20130312
- US 201313796556 A 20130312
- US 201414167521 A 20140129
- US 2014018642 W 20140226

Abstract (en)
[origin: WO2014163893A1] An automated, computerized method for processing a video is provided. The method includes providing a video file depicting a video, in a computer memory; providing a video file depicting a video, in a computer memory; scale separating the video file by applying an edge-preserving blurring filter to generate a detail scale- separated video and a level scale-separated video corresponding to the video; temporally blurring the detail scale- separated video and spatially blurring the level scale-separated video; combining the filtered detailed scale- separated video and the filtered level scale- separated video to provide an output video; and outputting the output video for use in a data compression operation.

IPC 8 full level
G06K 9/36 (2006.01); **G06T 5/00** (2006.01)

CPC (source: EP)
G06T 5/70 (2024.01); **G06T 7/11** (2016.12); **G06T 7/155** (2016.12); **G06T 7/90** (2016.12); **G06T 2207/10016** (2013.01); **G06T 2207/10024** (2013.01); **G06T 2207/20016** (2013.01); **G06T 2207/20028** (2013.01); **G06T 2207/20182** (2013.01)

Citation (search report)

- [Y] EP 2144444 A1 20100113 - UNIV WARWICK [GB]
- [Y] US 2011229029 A1 20110922 - KASS MICHAEL [US]
- See references of WO 2014163893A1

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

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