

Title (en)

METHOD AND DEVICE FOR THE VIRTUAL SIMULATION OF A SEQUENCE OF VIDEO IMAGES

Title (de)

VERFAHREN UND VORRICHTUNG FÜR DIE VIRTUELLE SIMULATION EINER VIDEOBILDSEQUENZ

Title (fr)

PROCÉDÉ ET DISPOSITIF DE SIMULATION VIRTUELLE D'UNE SÉQUENCE D'IMAGES VIDÉO

Publication

EP 2076886 A1 20090708 (FR)

Application

EP 07858653 A 20071023

Priority

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- FR 0654483 A 20061024

Abstract (en)

[origin: FR2907569A1] The method involves analyzing shapes, contours/dynamic components of a face/head image of a rear video sequence. Face/head's characteristic points e.g. corners of eyes and mouth, are extracted by preset parametric models. Specific parametric models are defined from the points, and deformed for being adapted to the contours of traits of the face. Cutaneous structure of face/head regions is detected and analyzed. Features of other images of the sequence and color of the structure are modified based on criterions in a database and decision criterions of a zero plus or first order expert system. An independent claim is also included for a device for automatic virtual simulation of a sequence of video images individualized for each of users and obtained from a sequence of real video images of a face or head in movement.

IPC 8 full level

G06T 11/00 (2006.01); **G06T 13/40** (2011.01); **H04N 1/62** (2006.01)

CPC (source: EP KR US)

G06T 7/00 (2013.01 - KR); **G06T 7/20** (2013.01 - KR); **G06T 11/001** (2013.01 - EP US)

Citation (search report)

See references of WO 2008050062A1

Citation (examination)

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