Title (en)

FACE RECOGNITION USING FEATURES ALONG ISO-RADIUS CONTOURS

Title (de)

GESICHTSERKENNUNG UNTER VERWENDUNG VON MERKMALEN ENTLANG VON ISORADIUS-KONTUREN

Title (fr)

RECONNAISSANCE FACIALE AU MOYEN DE CARACTERISTIQUES CONSIDEREES LE LONG DE CONTOURS ISORADIAUX

Publication

EP 1828959 A1 20070905 (EN)

Application

EP 05813319 A 20051205

Priority

- EP 2005056470 W 20051205
- GB 0426595 A 20041206

Abstract (en)

[origin: WO2006061365A1] 3D object data is represented by determining a point-of-interest (poi) in a predetermined position relative to the object, and generating for that point-of- interest (poi) a set of multiple isoradius surface contours (IRAD), each of which comprises a locus of a set of points (p1, p2, p3) on the surface of the object that are at a constant predetermined distance from the point-of-interest (poi), which distance is different for each contour of the set. A plurality of properties, such as curvature and colour / intensity, can be taken along each contour, to provide a series of aligned 1D signals that can be used for object recognition or verification. This may find particular application to the recognition or verification of human faces.

IPC 8 full level

G06K 9/00 (2006.01)

CPC (source: EP)

G06V 40/171 (2022.01)

Citation (search report)

See references of WO 2006061365A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006061365 A1 20060615; EP 1828959 A1 20070905; GB 0426595 D0 20050105

DOCDB simple family (application)

EP 2005056470 W 20051205; EP 05813319 A 20051205; GB 0426595 A 20041206