

Title (en)  
CONTACTLESS BIOMETRIC RECOGNITION

Title (de)  
BERÜHRUNGSLOSE BIOMETRISCHE ERKENNUNG

Title (fr)  
RECONNAISSANCE BIOMETRIQUE SANS CONTACT

Publication  
**EP 1673713 A1 20060628 (DE)**

Application  
**EP 03818946 A 20031008**

Priority  
DE 0303350 W 20031008

Abstract (en)  
[origin: US2005226474A1] 1. Touchless biometric recognition 2.1 The invention is underlied by the problem to specify a method of the type initially mentioned, with which an improved touchless biometric recognition is possible cheaply. 2.2 According to the invention, the problem is solved by mutually carrying out the observing, checking and/or correcting using the imaging facilities respectively and thereby acquiring position, attitude and degree of rotation. 2.3 The invention relates to a method for touchless recognition of biometric attributes of a body part, in particular of finger lines, comprising optical imaging from different points of view by several imaging facilities, observing and/or checking the position and/or the attitude of the body part to be recognized and/or correcting the images of the imaging facilities regarding the position and/or the attitude, wherein the shape of the body part is used.

IPC 1-7  
**G06K 9/00**; **G06K 9/60**

IPC 8 full level  
**A61B 5/117** (2006.01); **G06K 9/00** (2006.01)

CPC (source: EP US)  
**A61B 5/1172** (2013.01 - EP US); **G06V 40/1312** (2022.01 - EP US)

Citation (search report)  
See references of WO 2005045746A1

Cited by  
US9773151B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2005226474 A1 20051013**; AU 2003275936 A1 20050526; CA 2487930 A1 20050408; DE 10394343 D2 20060824;  
EP 1673713 A1 20060628; MX PA05004871 A 20051011; WO 2005045746 A1 20050519

DOCDB simple family (application)  
**US 50944804 A 20040928**; AU 2003275936 A 20031008; CA 2487930 A 20031008; DE 0303350 W 20031008; DE 10394343 T 20031008;  
EP 03818946 A 20031008; MX PA05004871 A 20031008