Title (en)

IN-DEVICE PRIVACY CONTROL MECHANISM FOR WEARABLE SMART DEVICES

Title (de)

VORRICHTUNGSINTERNER DATENSCHUTZKONTROLLMECHANISMUS FÜR INTELLIGENTE WEARABLE-VORRICHTUNGEN

Title (fr)

MÉCANISME DE COMMANDE DE CONFIDENTIALITÉ INTER AU DISPOSITIF POUR DES DISPOSITIFS INTELLIGENTS POUVANT ÊTRE PORTÉS

Publication

EP 3295696 A1 20180321 (EN)

Application

EP 15730693 A 20150511

Priority

EP 2015060310 W 20150511

Abstract (en)

[origin: WO2016180460A1] The present invention relates to a wearable smart device such as smart glass. The device comprises a camera for taking a video stream; a buffer for temporarily storing the video stream; a face detection module for detecting a face of a person in the video stream in the buffer by face recognition; a gesture detection module for tracking the person in the stored video stream after the face of the person has been detected by the face detection module, and determining whether the person has made a predefined gesture by detecting the predefined gesture in the stored video stream; and a de-identification module for de-identifying, in the stored video stream, the face of the person who has made the predefined gesture by removing facial identification information from a video segment which will be taken by the camera after the predefined gesture has been detected by the gesture detection module.

IPC 8 full level

H04W 12/02 (2009.01); **G06F 21/62** (2013.01); **G06T 7/20** (2017.01)

CPC (source: EP)

G06F 21/32 (2013.01); **G06F 21/6254** (2013.01); **G06T 5/77** (2024.01); **G06V 40/16** (2022.01); **H04W 12/02** (2013.01)

Citation (search report)

See references of WO 2016180460A1

Citation (examination)

SCHIFF J ET AL: "Respectful cameras: detecting visual markers in real-time to address privacy concerns", INTELLIGENT ROBOTS AND SYSTEMS, 2007. IROS 2007. IEEE/RSJ INTERNATIONAL CONFERENCE ON, IEEE, PISCATAWAY, NJ, USA, 29 October 2007 (2007-10-29), pages 971 - 978, XP031222121, ISBN: 978-1-4244-0911-2

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 2016180460 A1 20161117; EP 3295696 A1 20180321

DOCDB simple family (application)

EP 2015060310 W 20150511; EP 15730693 A 20150511