

Title (en)

AN APPARATUS SYSTEM AND METHOD FOR HUMAN-MACHINE-INTERFACE

Title (de)

VORRICHTUNG, SYSTEM UND VERFAHREN FÜR EINE MENSCH-MASCHINE-SCHNITTSTELLE

Title (fr)

SYSTÈME ET PROCÉDÉ D'INTERFACE HOMME-MACHINE

Publication

EP 2147393 A4 20121205 (EN)

Application

EP 07736215 A 20070415

Priority

IL 2007000475 W 20070415

Abstract (en)

[origin: WO2008126069A2] There is provided a 3D human machine interface ("3D HMI"), which 3D HMI may include (1) an image acquisition assembly, (2) an initializing module, (3) an image segmentation module, (4) a segmented data processing module, (5) a scoring module, (6) a projection module, (7) a fitting module, (8) a scoring and error detection module, (9) a recovery module, (10) a three dimensional correlation module, (11) a three dimensional skeleton prediction module, (12) an output module and a (13) depth extraction module.

IPC 8 full level

G06K 9/00 (2006.01); **G06F 3/01** (2006.01)

CPC (source: EP KR US)

G06F 3/011 (2013.01 - EP KR US); **G06F 3/017** (2013.01 - KR); **G06F 3/0304** (2013.01 - KR); **G06T 17/00** (2013.01 - KR); **G06V 40/103** (2022.01 - EP KR US)

Citation (search report)

- [XDI] WO 2006011153 A2 20060202 - EXTREME REALITY LTD [IL], et al
- [I] WO 2005114556 A2 20051201 - HONDA MOTOR CO LTD [JP], et al
- [IA] D'APUZZO N ET AL: "Modeling human bodies from video sequences", SPIE PROCEEDINGS, THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING - SPIE, BELLINGHAM, WASHINGTON, USA, vol. 3641, 1 January 1998 (1998-01-01), pages 36 - 47, XP002597223, ISSN: 0277-786X, DOI: 10.1117/12.333796
- See references of WO 2008126069A2

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008126069 A2 20081023; **WO 2008126069 A3 20090423**; CA 2684020 A1 20081023; CA 2684020 C 20160809; EP 2147393 A2 20100127; EP 2147393 A4 20121205; IL 201514 A0 20100531; IL 201514 A 20150226; JP 2010524113 A 20100715; JP 5147933 B2 20130220; KR 101379074 B1 20140328; KR 20100016240 A 20100212

DOCDB simple family (application)

IL 2007000475 W 20070415; CA 2684020 A 20070415; EP 07736215 A 20070415; IL 20151409 A 20091014; JP 2010502633 A 20070415; KR 20097023103 A 20070415