

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)

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DOCDB simple family (publication)

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