

Title (en)

METHODS AND APPARATUS FOR HIGH INTUITIVE HUMAN-COMPUTER INTERFACE

Title (de)

VERFAHREN UND VORRICHTUNG FÜR HOCHINTUITIVE MENSCH-COMPUTER-SCHNITTSTELLE

Title (fr)

PROCÉDÉS ET APPAREIL POUR UNE INTERFACE HOMME-ORDINATEUR HAUTEMENT INTUITIVE

Publication

**EP 3234742 A4 20180808 (EN)**

Application

**EP 15869412 A 20151216**

Priority

- US 201462092710 P 20141216
- US 201562099915 P 20150105
- US 201562110403 P 20150118
- IB 2015002356 W 20151216

Abstract (en)

[origin: WO2016097841A2] This invention is related to methods of multi-mode (intuitive) UI input or gesture recognition, general human-computer interface relating to input and output/feedback (such as but not limited to tactile signal), and integration/simulation of input methods. This is also related to providing human centered hyper UI that might be cross-platform or cross-device and using a "feel-able" method to improve user interaction with computer systems, especially for objects/widgets/controls that have a visual representation (with graphical user interface). Also, part of the invention is related to wearable human - computer interface: Human centric wearable Interface that can use possible context aware gesture input, and optionally a wearable dynamic pattern display system that provides physics effects (such as tactile pressure/vibration, airflow/wind, temperature change/humidity change) to wearer ('s skin). Or, optionally it have other ways of feedback such as visual channel on the wearable and etc.

IPC 8 full level

**G06F 3/0346** (2013.01); **G06F 3/01** (2006.01)

CPC (source: EP)

**G06F 3/014** (2013.01); **G06F 3/016** (2013.01); **G06F 3/017** (2013.01)

Citation (search report)

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- [A] WO 2004114107 A1 20041229 - QADIR NADEEM MOHAMMAD [JP]
- See references of WO 2016097841A2

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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

DOCDB simple family (publication)

**WO 2016097841 A2 20160623; WO 2016097841 A3 20160811**; CN 107209582 A 20170926; EP 3234742 A2 20171025; EP 3234742 A4 20180808

DOCDB simple family (application)

**IB 2015002356 W 20151216**; CN 201580069328 A 20151216; EP 15869412 A 20151216