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

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Application

EP 15869412 A 20151216

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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

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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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- See references of WO 2016097841A2

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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

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