

Title (en)

EXTERNAL USER INTERFACE FOR HEAD WORN COMPUTING

Title (de)

EXTERNE BENUTZERSCHNITTSTELLE FÜR AUF DEM KOPF GETRAGENE RECHNERVORRICHTUNG

Title (fr)

INTERFACE UTILISATEUR EXTERNE POUR ORDINATEUR PORTÉ SUR LA TÊTE

Publication

**EP 3180676 A4 20180110 (EN)**

Application

**EP 15795915 A 20150529**

Priority

- US 201414307114 A 20140617
- US 201414337346 A 20140722
- US 201414462415 A 20140818
- US 201414472145 A 20140828
- US 201414493091 A 20140922
- US 201514635606 A 20150302
- US 2015033379 W 20150529

Abstract (en)

[origin: WO2015195444A1] Aspects of the present invention relate to user interface control of a head-worn computer. In one aspect, a finger-mounted computer controller for a head-mounted computer includes a housing adapted to mount on a person's finger, a motion sensor mounted in the housing and adapted to sense positional movements of the housing and communicate control signals based on the positional movements to the head-worn computer, and a programmable actuator mounted on the outside of the housing adapted to communicate, when actuated, a signal to the head-worn computer causing the head-worn computer to launch a predestinated software application.

IPC 8 full level

**G06F 3/01** (2006.01); **G02B 27/01** (2006.01); **G06F 3/0346** (2013.01); **G06F 3/0354** (2013.01); **G06F 1/16** (2006.01)

CPC (source: CN EP)

**G02B 27/017** (2013.01 - CN EP); **G06F 3/011** (2013.01 - CN EP); **G06F 3/017** (2013.01 - EP); **G06F 3/0346** (2013.01 - EP); **G06F 3/03545** (2013.01 - CN EP); **G02B 2027/014** (2013.01 - CN EP); **G02B 2027/0178** (2013.01 - CN EP); **G02B 2027/0187** (2013.01 - CN EP); **G06F 1/163** (2013.01 - EP); **G06F 2203/0331** (2013.01 - EP)

Citation (search report)

- [X] US 2013147836 A1 20130613 - SMALL SHERIDAN MARTIN [US], et al
- [X] WO 2012154620 A2 20121115 - MAGIC LEAP INC [US], et al
- [X] GB 2494907 A 20130327 - SONY CORP [JP], et al
- [A] WO 2013093906 A1 20130627 - EYESIGHT MOBILE TECH LTD [IL]
- [A] US 8228315 B1 20120724 - STARNER THAD EUGENE [US], et al
- See references of WO 2015179877A2

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 2015195444 A1 20151223**; CN 106575151 A 20170419; EP 3180676 A2 20170621; EP 3180676 A4 20180110

DOCDB simple family (application)

**US 2015035192 W 20150610**; CN 201580039290 A 20150529; EP 15795915 A 20150529