Title (en)
INTEGRATION OF A ROBOTIC SYSTEM WITH ONE OR MORE MOBILE COMPUTING DEVICES

Title (de)
INTEGRATION EINES ROBOTERSYSTEMS MIT EINER ODER MEHREREN MOBILEN RECHNERVORRICHTUNGEN

Title (fr)
INTÉGRATION D'UN OU DE PLUSIEURS DISPOSITIFS INFORMATIQUES MOBILES DANS UN SYSTÈME ROBOTIQUE

Publication
EP 2888712 A1 20150701 (EN)

Application
EP 13834203 A 20130809

Priority
- US 201261693687 P 20120827
- US 2013054388 W 20130809

Abstract (en)
[origin: WO2014035640A1] A robotic system is integrated with one or more mobile computing devices. Physical configurations of individual components of the system in physical space, or agents, under control of a user or users, are duplicated in a representation in virtual space. Some degree of real-time parity is maintained between the physical and virtual spaces, so as to implement a virtual environment that mirrors the physical one. Events occurring within one environment can directly influence and bear consequence on the course of events occurring within the other environment. Elements of virtual space thereby become truly interdependent and unified on a peer footing with elements in physical space. In at least one embodiment, the system of the present invention is implemented as an application in entertainment, such as the manifestation of a video game in physical space.

IPC 8 full level
A63F 13/65 (2014.01); **A63F 13/573** (2014.01)

CPC (source: EP GB US)
A63F 13/20 (2014.09 - GB); **A63F 13/573** (2014.09 - EP GB US); **A63F 13/65** (2014.09 - EP GB US); **A63H 17/32** (2013.01 - GB); **A63H 30/04** (2013.01 - EP GB); A63F 13/28 (2014.09 - EP); A63F 2300/308 (2013.01 - EP GB); A63F 2300/69 (2013.01 - EP GB); A63F 2300/8017 (2013.01 - EP GB); A63H 2200/00 (2013.01 - EP)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014035640 A1 20140306; AU 2013309312 A1 20150305; AU 2013309312 B2 20170420; CA 2882099 A1 20140306; CA 2882099 C 20171024; CN 104662578 A 20150527; CN 104662578 B 20190101; DE 112013004190 T5 20150716; EP 2888712 A1 20150701; EP 2888712 A4 20160928; GB 201503471 D0 20150415; GB 2519903 A 20150506; HK 1207459 A1 20160129; HK 1207460 A1 20160129; JP 2015533534 A 20151126; JP 2017080455 A 20170518; JP 6067120 B2 20170125; JP 6154057 B2 20170628; KR 101793189 B1 20171102; KR 20150046302 A 20150429

DOCDB simple family (application)
US 2013054388 W 20130809; AU 2013309312 A 20130809; CA 2882099 A 20130809; CN 201380050215 A 20130809; DE 112013004190 T 20130809; EP 13834203 A 20130809; GB 201503471 A 20130809; HK 15108042 A 20150819; HK 15108045 A 20150819; JP 2015529831 A 20130809; JP 2016246307 A 20161220; KR 20157007769 A 20130809