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

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Application

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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

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