

Title (en)
INTERACTIVE ENVIRONMENT WITH PORTABLE DEVICES

Title (de)
INTERAKTIVE UMGEBUNG MIT TRAGBAREN VORRICHTUNGEN

Title (fr)
ENVIRONNEMENT INTERACTIF AVEC DISPOSITIFS PORTABLES

Publication
EP 4313333 A1 20240207 (EN)

Application
EP 22719088 A 20220331

Priority
• US 202163169471 P 20210401
• US 202217708910 A 20220330
• US 2022022771 W 20220331

Abstract (en)
[origin: WO2022212665A1] An interactive system includes a portable device configured to be carried by a user as the user travels through an interactive attraction. The portable device includes a trigger device and first ultra-wideband (UWB) circuitry. A central system includes second UWB circuitry and one or more processors. The one or more processors are configured to determine a location and an orientation of the portable device within the interactive attraction based on communication between the first UWB circuitry and the second UWB circuitry, receive an indication of actuation of the trigger device via communication between the first UWB circuitry and the second UWB circuitry, and display a virtual projectile on a display screen of the interactive attraction based on the location and the orientation of the portable device during the actuation of the trigger device.

IPC 8 full level
A63F 13/219 (2014.01); **A63F 13/235** (2014.01); **A63F 13/245** (2014.01); **A63F 13/26** (2014.01); **A63F 13/27** (2014.01); **A63F 13/428** (2014.01); **A63F 13/79** (2014.01); **A63F 13/837** (2014.01)

CPC (source: EP KR)
A63F 13/219 (2014.09 - EP KR); **A63F 13/235** (2014.09 - EP KR); **A63F 13/245** (2014.09 - EP KR); **A63F 13/26** (2014.09 - EP KR); **A63F 13/27** (2014.09 - EP KR); **A63F 13/428** (2013.01 - EP KR); **A63F 13/79** (2014.09 - EP KR); **A63F 13/837** (2014.09 - EP KR)

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022212665 A1 20221006; CA 3211112 A1 20221006; EP 4313333 A1 20240207; JP 2024517570 A 20240423;
KR 20230164158 A 20231201

DOCDB simple family (application)
US 2022022771 W 20220331; CA 3211112 A 20220331; EP 22719088 A 20220331; JP 2023560158 A 20220331; KR 20237037646 A 20220331