

Title (en)

DEVICE AND METHOD FOR SHARING AN IMMERSION IN A VIRTUAL ENVIRONMENT

Title (de)

VORRICHTUNG UND VERFAHREN ZUM TEILEN DER IMMERSION IN EINE VIRTUELLE UMGEBUNG

Title (fr)

DISPOSITIF ET PROCEDE DE PARTAGE D'IMMERSION DANS UN ENVIRONNEMENT VIRTUEL

Publication

EP 3449340 A1 20190306 (FR)

Application

EP 17725317 A 20170427

Priority

- FR 1653758 A 20160427
- FR 1659160 A 20160928
- FR 1659768 A 20161010
- FR 2017051004 W 20170427

Abstract (en)

[origin: WO2017187095A1] In a device (100) and a method implemented by said device, two immersive systems are connected such that a virtual environment generated on a source immersive system (10) is reproduced on a target immersive system (20). The images of the virtual environment displayed on the display system of the source immersive system are transformed in order to be displayed on the display system of the target immersive system, such that a virtual reproduction of the virtual environment is correctly represented on the target immersive system for an observer, irrespective of the structural and software differences between the two immersive systems. Freezing certain display data and observation conditions of the source system results in a temporary stabilisation of the representation of the virtual environment on the target system without any negative effect on the coherence of the representation on said target system.

IPC 8 full level

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CPC (source: EP US)

G02B 27/017 (2013.01 - US); **G06F 3/011** (2013.01 - US); **G06T 19/00** (2013.01 - EP US); **G06T 19/006** (2013.01 - US); **G02B 2027/0138** (2013.01 - US); **G02B 2027/014** (2013.01 - US); **G06T 2219/024** (2013.01 - EP US)

Citation (search report)

See references of WO 2017187095A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

FR 2017051004 W 20170427; CA 3022298 A 20170427; EP 17725317 A 20170427; SG 11201810432Y A 20170427; US 201716096906 A 20170427