

Title (en)

ANALYSIS DEVICE FOR DETERMINING THE LENGTH OF A DETECTION PERIOD CONTRIBUTING TO A LATENCY TIME IN AN IMMERSIVE VIRTUAL REALITY SYSTEM

Title (de)

ANALYSEVORRICHTUNG ZUR BESTIMMUNG DER LÄNGE EINER ZU EINER LATENZZEIT IN EINEM IMMERSIVEN SYSTEM DER VIRTUELLEN REALITÄT BEITRAGENDEN ERKENNUNGSZEITDAUER

Title (fr)

DISPOSITIF D'ANALYSE POUR LA DÉTERMINATION D'UN DÉLAI DE DÉTECTION CONTRIBUANT À UN TEMPS DE LATENCE AU SEIN D'UN SYSTÈME IMMERSIF DE RÉALITÉ VIRTUELLE

Publication

**EP 3577540 A1 20191211 (FR)**

Application

**EP 18703077 A 20180125**

Priority

- FR 1750821 A 20170201
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Abstract (en)

[origin: WO2018142043A1] The invention relates to a device (DA) performing analyses in an immersive virtual reality system, comprising a target (CD) secured to an object (O) that can move in a space (EP), and detection means (MD) for detecting the current position of said target (CD) in said space (EP) and delivering a first signal representing said current position. Said device (DA) comprises a sensor (CC) for generating a second signal when the object (O) reaches a known position in the space (EP), and analysis means (MA) that are coupled to the sensor (CC) and detection means (MD) and are used to determine a first time when a first signal representing said known detected position is received, and a second time when said second signal is received, and then to determine a temporal distance between the determined first and second receiving times.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2018142043A1

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