Title (en)

DEVICE FOR VISUALISING A VIRTUAL PASSENGER COMPARTMENT OF A VEHICLE IN A REAL SITUATION

Title (de)

EINRICHTUNG ZUM VISUALISIEREN EINES VIRTUELLEN PASSAGIERABTEILS EINES FAHRZEUGS IN EINER REALEN SITUATION

Title (fr)

DISPOSITIF DE VISUALISATION D'UN HABITACLE VIRTUEL D'UN VEHICULE EN SITUATION REELLE

Publication

EP 1913764 A2 20080423 (FR)

Application

EP 06794315 A 20060809

Priority

• FR 2006001933 W 20060809
• FR 0552475 A 20050809

Abstract (en)

[origin: WO2007017596A2] The invention relates to a device for visualising a virtual passenger compartment of a vehicle. Said device comprises mobile video acquisition and visualisation means, at least one visualisation means, at least one video capturing means for capturing the field of vision, a movement capturing device, and at least one processing means which is connected to said mobile video acquisition and visualisation means and adapted in such a way as to receive a video of at least one video capturing means, to insert the virtual passenger compartment respectively into the video received, according to the information received from the movement capturing device, and to transmit the received video into which the virtual passenger compartment has been inserted, to the at least one visualisation means, in real-time. The inventive device also comprises synchronisation means arranged between the at least one processing means and the mobile video acquisition and visualisation means.

IPC 8 full level

H04N 5/222 (2006.01)

CPC (source: EP)

G06T 11/00 (2013.01); **H04N 5/222** (2013.01); **H04N 5/272** (2013.01)

Citation (search report)

See references of WO 2007017596A2

Citation (examination)

• EP 0537945 A1 19930421 - BRITISH AEROSPACE [GB]
• EP 1124212 A1 20010816 - RENAULT [FR]
• FR 2775814 A1 19990910 - RASTERLAND SA [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007017596 A2 20070215; **WO 2007017596 A3 20070405**; EP 1913764 A2 20080423; FR 2889753 A1 20070216

DOCDB simple family (application)

FR 2006001933 W 20060809; EP 06794315 A 20060809; FR 0552475 A 20050809