

Title (en)
Head tracking system

Title (de)
Kopfverfolgungssystem

Title (fr)
Système de détection de la position de la tête

Publication
EP 2613572 A1 20130710 (EN)

Application
EP 12150204 A 20120104

Priority
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Abstract (en)
The present invention relates to a method for tracking a head of an occupant (41) of a vehicle (40). According to the method, a reference signal (46) is sent from a predetermined location with respect to the vehicle (40). The reference signal (46) is received at a headphone (20) worn by the occupant (41). A receive direction of the reference signal (46) is determined with respect to the headphone (20). A direction, in which the head of the occupant (41) is directed, is determined based on the receive direction and the predetermined location. The predetermined location, from where the reference signal (46) is sent, is a passenger compartment illumination device of the vehicle (40).

IPC 8 full level
H04S 7/00 (2006.01)

CPC (source: EP)
H04S 7/304 (2013.01); **H04R 2499/13** (2013.01)

Citation (applicant)
• EP 2012170 A1 20090107 - HARMAN BECKER AUTOMOTIVE SYS [DE]
• EP 2102170 A2 20090923 - BOEHRINGER INGELHEIM INT [DE], et al

Citation (search report)
• [YD] EP 2012170 A1 20090107 - HARMAN BECKER AUTOMOTIVE SYS [DE]
• [Y] DE 20209916 U1 20020829 - DAIMLER CHRYSLER AG [DE]
• [A] US 2009072996 A1 20090319 - SCHOEPP HARALD [DE]

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EP3354045A4; US9522676B2; US10419655B2; US10594916B2; US11019246B2

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