

Title (en)
SYSTEM FOR COMMUNICATION BETWEEN A VIDEO IMAGE ACQUISITION UNIT AND AN ON-BOARD COMPUTER FOR A MOTOR VEHICLE

Title (de)
SYSTEM ZUR KOMMUNIKATION ZWISCHEN EINER ERFASSUNGSEINHEIT FÜR VIDEOBILDER UND EINEM BORDCOMPUTER FÜR EIN KRAFTFAHRZEUG

Title (fr)
SYSTEME DE COMMUNICATION ENTRE UNE UNITE D'ACQUISITION D'IMAGES VIDEO ET UN ORDINATEUR DE BORD POUR UN VEHICULE AUTOMOBILE

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Abstract (en)
[origin: WO2007042730A1] The invention relates to a system (12) for communication between a video image acquisition unit (14) and an on-board computer (16), consisting of means which are used to transmit data by means of carrier current and which comprise a data transmission line (20) forming a circuit for supplying power to the elements of the motor vehicle. The system (12) also comprises first means (22) for forming a set of video data in the form of a first digital signal which is transmitted by a first set of carrier frequencies and second means (24) for forming a set of control data in the form of a second digital signal which is transmitted by a second set of carrier frequencies, the number of carrier frequencies in the first set being greater than the number of carrier frequencies in the second set.

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