

Title (en)

DATA TRANSMISSION PATH COMPRISING AN APPARATUS FOR VERIFYING DATA INTEGRITY

Title (de)

DATEN BERTRAGUNGSSTRECKE MIT EINRICHTUNG ZUR PRUEFUNG DER DATENINTEGRITAET

Title (fr)

VOIE DE TRANSMISSION DE DONNEES POURVUE D'UN DISPOSITIF DE CONTROLE DE L'INTEGRITE DES DONNEES

Publication

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Application

EP 04762641 A 20040810

Priority

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- DE 10343172 A 20030918

Abstract (en)

[origin: WO2005032033A1] Disclosed is a data transmission path (1) comprising an apparatus for verifying the integrity of data transmitted from the transmitter end (2) to the receiver end (4) of the data transmission path (3), particularly in a motor vehicle. Said data transmission path (1) further comprises a first data-modifying device (5) at the transmitter end and a second data-modifying device (6) at the receiver end, both of which have one identical transmission function, respectively, and a comparator that compares the output data (A1, A2) of the data-modifying devices (5, 6). Input data (E1) is processed into output data (A1) at the transmitter end (2) and is transmitted to the receiver end (4) while identical input data (E2) is transmitted to the receiver end (4) and is modified into output data (A2) there. Also disclosed is a data integrity verification method.

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IPC 8 full level

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