

Title (en)

DATA NETWORK OF A DEVICE, IN PARTICULAR A VEHICLE

Title (de)

DATENNETZWERK EINER EINRICHTUNG, INSBESONDERE EINES FAHRZEUGS

Title (fr)

RÉSEAU DE DONNÉES D'UN SYSTÈME, EN PARTICULIER D'UN VÉHICULE

Publication

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Application

EP 15738003 A 20150625

Priority

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Abstract (en)

[origin: WO2015197758A1] The invention relates to a data network of a device, in particular a vehicle (10), comprising a set of device-internal participants (20, 22), at least one ring (28) in which ring-internal participants (20) of the set are networked with one another in a ring topology, and at least one interface unit (30, 32) which is provided for establishing a connection between at least one ring-external participant (22, 36) and the ring (28). The aim of the invention is to provide a generic data network with at least one ring with which a secure operation and a simple management that can be used flexibly in particular can be achieved. This is achieved in that the data network has a filtering device (38) with at least one filter function, which is provided for filtering data traffic of the ring (28) with respect to at least one participant identifier (TK; MA), and an identification device (46, 50; 46', 50'; 46'', 50'') which is provided for implementing at least one measure for a ring-external participant (22, 36), said measure relating to a participant identifier (MA) of said participant (22, 36), such that the participant identifier is permitted by the filter function for a data traffic in the ring (28).

IPC 8 full level

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