Title (en)

AN ARRANGEMENT AND METHOD FOR CONNECTING AN AD-HOC COMMUNICATION NETWORK TO A PERMANENT COMMUNICATION NETWORK VIA A HALF-DUPLEX COMMUNICATION LINK

Title (de)

ANORDNUNG UND VERFAHREN ZUM ANSCHLUSS EINES AD-HOC-KOMMUNIKATIONSNETZES AN EIN PERMANENTES KOMMUNIKATIONSNETZ ÜBER EINE HALBDUPLEX-KOMMUNIKATIONSVERBINDUNG

Title (fr)

AGENCEMENT ET PROCÉDÉ DE CONNEXION D'UN RÉSEAU DE COMMUNICATION AD-HOC À UN RÉSEAU DE COMMUNICATION PERMANENT PAR LE BIAIS D'UNE LIAISON DE COMMUNICATION EN SEMI-DUPLEX

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009092842A1] The invention relates to a method and arrangement for connecting an ad-hoc communication network (101) to a permanent communication network (102) via a half-duplex communication link (140). The ad-hoc communication network is established between communication devices (103-106) and a gateway device (107) using a routing protocol that is run in the gateway device and in the communication devices. Relaying of data between the ad-hoc communication network and the permanent communication network is controlled by setting the following relaying operations into a pre-determined order of mutual priority: relaying data from the ad-hoc communication network to the permanent communication network and relaying data from the permanent communication network to the ad-hoc communication network. The pre-determined order of priority facilitates data transfer via the half-duplex communication link between the permanent communication network and the ad-hoc communication network that can be either a full-duplex network or a half-duplex network.

IPC 8 full level

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