

Title (en)

INTERFERENCE-IMMUNE TRANSMISSION OF DATA TELEGRAMS IN A COMMUNICATIONS NETWORK

Title (de)

STÖRFESTE ÜBERTRAGUNG VON DATENTELEGRAMMEN IN EINEM KOMMUNIKATIONSNETZWERK

Title (fr)

TRANSMISSION DE TÉLÉGRAMMES DE DONNÉES INSENSIBLE AUX INTERFÉRENCES DANS UN RÉSEAU DE COMMUNICATION

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Application

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Abstract (en)

[origin: WO2014032736A1] The invention relates to a communications network (20, 30) comprising a plurality of network components (21a-l, 31a-l) that are interconnected for exchanging data telegrams, the communications network (20, 30) having a first partial network (22a, 32a) and a second partial network (22b, 32b) and each network component (21a-l, 31a-l) being connected to the two partial networks (22a-b, 32a-b). In order to design such a communications network (20, 30) with few devices and so as to be as reliable as possible, the communications network (20, 30) should comprise at least some network components (21a-l, 31a-l) that are interconnected in a chain-like manner, each chain (24a-d, 34a-d) of network components (21a-l, 31a-l) having a first network component (e.g. 21a, 31a), which is directly connected to the first partial network (22a, 32a), and a second network component (e.g. 21c, 31c), which is directly connected to the second partial network (22b, 32b). The invention also relates to a corresponding network component (21a-1, 31a-1) for operation in a communications network (20, 30), and a method for the interference-immune transmission of data telegrams in a communications network (20, 30).

IPC 8 full level

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