

Title (en)

METHOD AND SYSTEM FOR AVOIDING COLLISIONS IN AN INFRARED WIRELESS NETWORK

Title (de)

VERFAHREN UND SYSTEM ZUR KOLLISIONSVERMEIDUNG IN EINEM DRAHTLOSEN INFRAROTNETZ

Title (fr)

PROCEDE ET SYSTEME DESTINES A EVITER DES COLLISIONS DANS UN RESEAU INFRAROUGE SANS FIL

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9900932A1] A method and system for avoiding collision between data streams transmitted by at least a pair of wireless transmitters (16, 20, 21) operating on substantially equal frequencies and coupled via respective communication channels (17, 22, 23) to respective communication devices (14, 18, 19) having associated therewith respective carrier sense means (12, 28, 29) which are responsive to a signal received thereby for preventing the respective communication device from initiating or continuing transmission of data. According to the method whenever data is wireless transmitted by one of the transmitters, said one of the transmitters sending a fictitious data signal along the respective communication channel so as to be detected by the respective carrier sense means.

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