Title (en)

METHOD FOR PRESELECTING A ROUTER IN AN RPL NETWORK

Title (de)

VERFAHREN ZUR VORAUSWAHL EINES ROUTERS IN EINEM RPL-NETZWERK

Title (fr)

PROCEDE DE PRÉSELECTION D'UN ROUTEUR DANS UN RESEAU RPL

Publication

EP 2823609 A1 20150114 (FR)

Application

EP 13707177 A 20130305

Priority

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Abstract (en)

[origin: WO2013131867A1] The invention relates to a method for preselecting a router in an LLN (Lower power and Lossy Network) network from a plurality of nodes in which each router node transmits an announcement message to the other router nodes (2,3) of the LLN network within direct radio range of said router node, and upon receipt of said announcement message, each of said other router nodes compares the current status thereof with respect to a router node (2,3) to the status indicated in the announcement message, and configures the status thereof depending on said comparison such that a single node from among the nodes of the LLN network within direct radio range of said router node transmits to the root node an MER_Request for configuration as the multicast router for the data origin originating from or to be sent to said host node.

IPC 8 full level

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CPC (source: EP US)

H04L 12/189 (2013.01 - US); **H04L 45/02** (2013.01 - EP US); **H04L 45/16** (2013.01 - EP US); **H04L 45/18** (2013.01 - EP US); Y02D 30/70 (2020.08 - EP)

Citation (search report)

See references of WO 2013131867A1

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