Title (en)

METHOD AND DEVICE FOR SUPERVISING THE ALERT OF LIN NETWORK SLAVE MEMBERS BY ANALYZING THE REASONS FOR THE ALERT

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ÜBERWACHUNG DER ALARMMELDUNG VON LIN-SLAVE-ELEMENTEN MITTELS ANALYSE DER URSACHEN DER ALARMMELDUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF DE CONTRÔLE DU RÉVEIL D'ORGANES ESCLAVES D'UN RÉSEAU LIN, PAR ANALYSE DES RAISONS DU RÉVEIL

Publication

EP 2406721 A1 20120118 (FR)

Application

EP 10714924 A 20100305

Priority

- FR 2010050374 W 20100305
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Abstract (en)

[origin: WO2010103220A1] A device (D) is dedicated to supervising the alert of slave members (OE1-OE5) for an LIN multiplex communication network (R) that is managed by a master member (OM). When the master member (OM) has detected activity in the network (R) during a standby phase, said device (D) is set up i) to order the master member (OM) to send, to at least some of the slave members (OE1-OE5), and preferably to all those capable of originating an alert request, dedicated query messages to which they must reply, respectively, by means of a reply message comprising a status field, the value of which represents a local or non-local origin of the detected activity, then ii) analyze the value of the status field of each reply message received by the master member (OM) so as to determine if at least one slave member is originating the activity and, in the affirmative, if the latter is justified in view of the related status field value, and iii) to authorize the master member (OM) to confirm the alert of the slave members only if the activity is justified.

IPC 8 full level

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CPC (source: EP)

H04L 12/12 (2013.01); **H04L 12/40039** (2013.01); H04L 2012/40234 (2013.01); H04L 2012/40273 (2013.01); Y02D 30/50 (2020.08)

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