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(54) **ABNORMAL FRAME DETERMINATION  
DEVICE, ABNORMAL FRAME  
DETERMINATION METHOD, AND  
NON-TRANSITORY COMPUTER READABLE  
MEDIUM**

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(57) **ABSTRACT**

An abnormal frame determination device receives data frames which are transmitted by an electronic control unit at a predetermined period. A receipt interval between a first data frame and a second data frame is calculated. The second data frame is received immediately before receipt of the first data frame. A predetermined value is added to a determination value stored in a storage when the receipt interval is shorter than a threshold. It is determined that the second data frame is an abnormal frame when the determination value reaches a limit value and the receipt interval is longer than a proximity receipt interval that is a criterion for determining whether the first data frame and the second data frame are received in proximity to each other.

