Title (en)

DEVICE AND METHOD FOR IMPROVING THE RECEPTION QUALITY OF MESSAGES IN A CAN BUS SYSTEM

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERBESSERUNG DER EMPFANGSQUALITÄT VON NACHRICHTEN IN EINEM CAN-BUSSYSTEM

Title (fr)

DISPOSITIF ET PROCÉDÉ D'AMÉLIORATION DE LA QUALITÉ DE RÉCEPTION DE MESSAGES DANS UN SYSTÈME DE BUS CAN

Publication

EP 2918055 A1 20150916 (DE)

Application

EP 13786653 A 20131104

Priority

• DE 102012220488 A 20121109
• EP 2013072912 W 20131104

Abstract (en)

[origin: WO2014072243A1] A subscriber station for a bus system and a method for improving a reception quality of messages in a subscriber station of a bus system are provided. The subscriber station comprises an estimation device for estimating a channel impulse response when and/or after only one other subscriber station of the bus system sends a message on the bus system or for determining necessary functions of filters directly from a signal received by the subscriber station. Said subscriber station also comprises a correction device for correcting a signal received by the subscriber station on the basis of the channel impulse response estimated by the estimation device.

IPC 8 full level

H04L 25/02 (2006.01); **H04L 12/40** (2006.01); **H04L 25/03** (2006.01)

CPC (source: EP US)

H04L 12/40 (2013.01 - US); **H04L 25/0212** (2013.01 - EP US); **H04L 25/025** (2013.01 - EP US); **H04L 25/03057** (2013.01 - EP US); H04L 2012/40215 (2013.01 - US)

Citation (search report)

See references of WO 2014072243A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102012220488 A1 20140515; CN 104871505 A 20150826; CN 104871505 B 20190419; EP 2918055 A1 20150916; JP 2016502791 A 20160128; JP 6074054 B2 20170201; KR 102213691 B1 20210208; KR 20150082290 A 20150715; US 10581641 B2 20200303; US 2015295734 A1 20151015; WO 2014072243 A1 20140515

DOCDB simple family (application)

DE 102012220488 A 20121109; CN 201380058679 A 20131104; EP 13786653 A 20131104; EP 2013072912 W 20131104; JP 2015541093 A 20131104; KR 20157011884 A 20131104; US 201314442014 A 20131104