Title (en)

ARRANGEMENT AND METHOD FOR GENERATING A SUBSTANTIALLY SINUSOIDAL SYNCHRONISATION PULSE

Title (de)

ANORDNUNG UND VERFAHREN ZUM ERZEUGEN EINES IM WESENTLICHEN SINUSFÖRMIGEN SYNCHRONISATIONSPULSES

Title (fr)

DISPOSITIF ET PROCÉDÉ DE GÉNÉRATION D'UNE IMPULSION DE SYNCHRONISATION SENSIBLEMENT SINUSOÏDALE

Publication

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Application

EP 13701241 A 20130121

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Abstract (en)

[origin: WO2013117415A1] The invention relates to a reception arrangement (3) for a control device in a vehicle, comprising a voltage generator (30) for generating a synchronisation pulse, said synchronisation pulse being generated with a predetermined shape and a predetermined time behaviour inside predetermined specification limits, wherein the reception arrangement (3) outputs the synchronisation pulse for synchronising a signal transmission via a data bus (5) to at least one sensor (7). The invention further relates to a method for generating such a synchronisation pulse. According to the invention, the voltage generator (30) comprises a voltage amplifier (36) which, on the basis of a reference voltage (Uref), generates the synchronisation pulse substantially as a sinusoidal oscillation.

IPC 8 full level

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Citation (search report)

See references of WO 2013117415A1

Citation (examination)

WO 2007003469 A2 20070111 - BOSCH GMBH ROBERT [DE], et al

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