

Title (en)  
A METHOD OF TRANSMITTING SIGNALS IN A CONTROL SYSTEM AND A CONTROL SYSTEM THEREFORE

Title (de)  
VERFAHREN ZUM SENDEN VON SIGNALLEN IN EINEM STEUERSYSTEM UND STEUERSYSTEM DAFÜR

Title (fr)  
PROCÉDÉ DE TRANSMISSION DE SIGNAUX DANS UN SYSTÈME DE COMMANDE ET SYSTÈME DE COMMANDE ASSOCIÉ

Publication  
**EP 2394254 B1 20170809 (EN)**

Application  
**EP 09776153 A 20090205**

Priority  
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Abstract (en)  
[origin: WO2010088903A1] Method and system for transmitting signals such as control signals, request signals, interrogation signals etc. in a control system, which comprises at least two units, wherein at least one of the units is designed to operate as a master unit and at least one of the units is designed to operate as a slave unit. A plurality of channels are available for transmission and a master unit transmits a signal via one of said plurality of channels. At least one slave unit performs the step of scanning the channels for transmitted signals and a signal that is received on a specific channel is analyzed to specify a preamble type. When the preamble type is a first type (PTI), the scanning is resumed by the at least one slave unit on the other channels and the at least one slave unit returns to the specific channel after a predefined time interval (TI). Hereby, an enhanced efficiency is achieved and furthermore a faster manner of scanning and analyzing signals on a plurality of channels is achieved. An enlarged amount of data can be processed, hereby making the use of the available channels more efficient.

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