

Initialising of a system arrangement for the packet-based transfer of data

Abstract

The present invention is directed to a method for initialising a system arrangement or a data channel, whereby packet-based data transmissions are optimised in such a way that they have a deterministic latency time. In addition, it is ensured that a single physical data line can be used, although 128 lines have to be implemented. Due to the frame-based transmission, the latency of the data transmission is not linked to the bandwidth of the transmission channel. Thus, a deterministic latency time is achieved via a single physical communication channel, which in turn is particularly advantageous in automobiles, where weight savings are necessary to increase the range of the automobile. The present invention is also directed to an appropriately configured system arrangement as well as a computer program product and a memory-readable medium with control commands which implement the method or operate the system arrangement.

15

Figure 2