

ABSTRACT**Method for synchronizing a system by determining a common local time interval**

The present invention relates to a method for synchronizing a system including redundant processing chains, the method including providing a first instant via the global clock for each processing chain, converting the first instant into a first local instant for each processing chain, carrying out the same series of operations on the same input data on each processing chain from the first local instant, incrementing the second specific local clock of each processing chain, to obtain a second local instant, calculating the local time interval, defined as the difference between the second local instant and the first local instant, comparing the calculated local time intervals to determine a local time interval shared by a majority of the processing chain.

Figure 6