

ABSTRACT**Method for synchronizing a system by using a validity time for each output signal**

The present invention relates to a method for synchronizing a system including a plurality of input modules (22), the method including associating a local input date with the input signal via the input module (22) having produced the signal, sending each input signal from an input module (22) to the computer (24), generating output signals intended for one or several output modules (26), calculating an expiry duration of the output signal by using a second function, sending each output signal from the computer (24) to the output module (26), and for each expiry duration of the output signal, a time base change operation carried out by the output module (26).

Figure 4