

**ABSTRACT****System for synchronizing a satellite pointing device**

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System for synchronizing a satellite pointing device using the transmission of a satellite synchronization signal in a set of contiguous time intervals, characterized in that it comprises first means of selection of at least two time intervals belonging to the set. The system also comprises second means of selection of at least two distinct transmission frequencies, each transmission frequency being associated with one of the said selected time intervals. Finally the system comprises means (103) for modulating the synchronization signal in the selected time intervals by using the transmission frequency respectively associated with the time interval and means for demodulating the synchronization signal received.

Reference: Figure 1

