

Title (en)  
MEASURING TIME OF FLIGHT OF A SIGNAL

Title (de)  
SIGNALLAUFZEITMESSUNG

Title (fr)  
MESURE DU TEMPS DE PARCOURS D'UN SIGNAL

Publication  
**EP 0886763 A1 19981230 (EN)**

Application  
**EP 95934963 A 19950905**

Priority  
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Abstract (en)  
[origin: WO9709591A1] An apparatus for measuring the time of flight of a signal is provided. The apparatus for measuring the time of flight of a signal comprises a transmitter (206) for emitting a signal, a receiver (216) for receiving the signal from the transmitter (206), and means for detecting the onset of the signal as it arrives at the receiver (216) such that the period of time from emission by the transmitter (206) to the time the receiver (216) initially receives the signal can be determined. In another embodiment, the present invention provides a method for determining the time of flight of a signal comprising the steps of receiving a transmitted signal, operating on the received signal for generating a pre-conditioned signal for removing irregularities therefrom for generating a conditioned signal, operating on the conditioned signal to form a discriminated signal, and determining the critical point of the discriminated signal.

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