

Title (en)

METHOD FOR DETERMINING A RATE WITH THE AID OF A TIME WEIGHTED MOVING AVERAGE

Title (de)

VERFAHREN ZUR RATENBESTIMMUNG DURCH EINEN ZEITLICH GEWICHTETEN GLEITENDEN DURCHSCHNITT

Title (fr)

PROCEDE DE DETERMINATION DE VITESSE A L'AIDE D'UNE MOYENNE MOBILE PONDEREE EN TEMPS

Publication

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Application

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Abstract (en)

[origin: WO2005026978A2] The invention relates to a method for determining a time-dependent rate at predefinable times. Said rate is determined as a quotient of the values of an event function and a time function. The event function is a measurement, which is weighted according to the time interval at a given time, for a number of events and the time function is a measurement, which is weighted according to the time interval at a given time, for the length of a time period, during which the events that are used to determine the event function occur. Using an exponential function for the weighting process, the value of the rate can be calculated recursively for a given time from the value determined at an earlier time. The advantage of the invention is that the rate fluctuates to a lesser degree in comparison with conventional methods and that the value that is determined at a given time provides a more accurate assertion about the current rate.

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