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(54) Title: SYSTEM AND METHOD FOR PERFORMING STATISTICAL FAILURE MODELLING

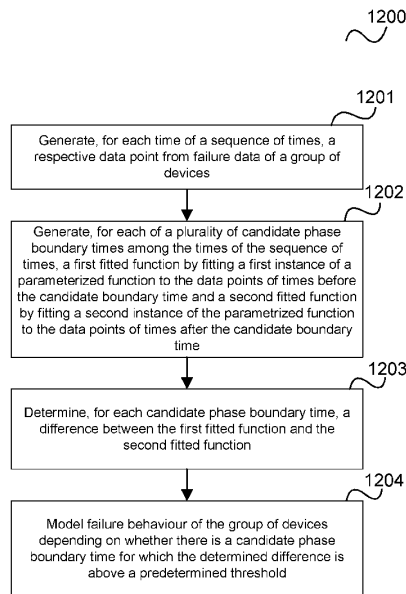


FIG 12

(57) Abstract: Aspects concern a method for performing statistical failure modelling, comprising: generating, for each time of a sequence of times, a respective data point from failure data of a group of devices, generating, for each of a plurality of candidate phase boundary times among the times of the sequence of times, a first fitted function by fitting a first instance of a parameterized function to the data points of times before the candidate phase boundary time and a second fitted function by fitting a second instance of the parameterized function to the data points of times after the candidate phase boundary time, determining, for each candidate phase boundary time, a difference between the first fitted function and the second fitted function, and modelling failure behaviour of the group of devices depending on whether there is a candidate phase boundary time for which the determined difference is above a predetermined threshold.

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