

Title (en)
METHOD FOR MONITORING A STARTING SEQUENCE OF A TURBOMACHINE AND MONITORING SYSTEM IMPLEMENTING SAID METHOD

Title (de)
VERFAHREN ZUM ÜBERWACHEN EINER ANLAUFSTRECKE EINER TURBOMASCHINE UND ÜBERWACHUNGSSYSTEM ZUM IMPLEMENTIEREN DIESES VERFAHRENS

Title (fr)
PROCEDE DE SURVEILLANCE D'UNE SEQUENCE DE DEMARRAGE D'UNE TURBOMACHINE ET SYSTEME DE SURVEILLANCE METTANT EN OEUVRE CE PROCEDE

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Abstract (en)
[origin: WO2021148731A1] An aspect of the invention relates to a method for monitoring a starting sequence of a turbomachine comprising a compressor provided with a rotor, a starter capable of rotating the rotor and a combustion chamber, the method comprising the following operations:
- determining (110) a bracketing (E) of a time zone during which the ignition instant takes place, the bracketing being defined by, on the one hand, a lower limit (E1) corresponding to an event necessarily taking place before the ignition instant and an upper limit (E2) corresponding to an event necessarily taking place after the ignition instant; and - determining (130-190) between the lower limit (E1) and the upper limit (E2), a break point (A) in the variation with time of the measurement signal, this break point corresponding to an ignition instant of the air-fuel mixture in the combustion chamber.

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