

ABSTRACT OF THE DISCLOSURE

ACOUSTIC CLEANING OF GAS TURBINE ENGINE COMPONENTS

The present disclosure is directed to a method for cleaning gas turbine engine components using an acoustic emitter (84). More specifically, in one embodiment, the method includes positioning the acoustic emitter (84) at a cleaning location (89) of a component of the gas turbine engine (10). For example, the cleaning location (89) is typically characterized by having a build-up of foulants on a surface thereof. Thus, the method includes emitting, via the acoustic emitter (84), acoustic waves (88) at a predetermined frequency towards the cleaning location (89) of the component so as to disperse the foulants.

[Fig. 1]