

Title (en)
METHOD FOR DETECTING PARTICLES OR AEROSOL IN A FLOWING FLUID, COMPUTER PROGRAM AND ELECTRICAL STORAGE MEDIUM

Title (de)
VERFAHREN ZUR DETEKTION VON PARTIKELN ODER AEROSOL IN EINEM STRÖMENDEN FLUID, COMPUTERPROGRAMM SOWIE ELEKTRISCHES SPEICHERMEDIUM

Title (fr)
PROCÉDÉ DE DÉTECTION DE PARTICULES OU D'AÉROSOLS DANS UN FLUIDE QUI S'ÉCOULE, PROGRAMME D'ORDINATEUR ET SUPPORT DE STOCKAGE ÉLECTRIQUE

Publication
EP 3894824 A1 20211020 (DE)

Application
EP 19794140 A 20191023

Priority
• DE 102018221700 A 20181213
• EP 2019078907 W 20191023

Abstract (en)
[origin: WO2020119990A1] A method for detecting particles or aerosol in a flowing fluid using the principle of laser-induced incandescence comprises the following steps: a. focusing laser light emitted by a laser into a spot; b. conducting a fluid which contains particles or aerosol through the spot; c. detecting thermal radiation emitted from the spot by means of a detector; d. evaluating a value which is provided by the detector and characterizes the detected thermal radiation within time intervals, the duration of the time intervals depending on the velocity of the fluid.

IPC 8 full level
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CPC (source: EP KR US)
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Designated contracting state (EPC)
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DOCDB simple family (publication)
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