Title (en)

METHOD AND APPARATUS FOR DETERMINING A VELOCITY OF A FLUID STREAM IN THE REGION OF A PARTICLE SENSOR

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG EINER GESCHWINDIGKEIT EINES FLUIDSTROMS IM BEREICH EINES PARTIKELSENSORS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION D'UNE VITESSE D'UN ÉCOULEMENT DE FLUIDE AU NIVEAU D'UN CAPTEUR DE PARTICULES

Publication

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Application

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- EP 2019077651 W 20191011

Abstract (en)

[origin: WO2020088914A1] The invention relates to a method for determining a velocity of a fluid stream in the region of a particle sensor, in which the fluid stream moves along a flow path, the particle sensor has a particle charging device arranged at a first position of the flow path arranged for charging particles in the fluid stream and a measuring device arranged at a second position of the flow path located downstream relative to the first position for determining at least one electrical variable of the fluid stream, the method comprising the following steps: determining a first period of time which characterises an electrical variable of the particle charging device, determining by means of the measuring device a second period of time which characterises at least one electrical variable of the fluid stream, evaluating the second period of time in relation to den first period of time.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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