

Title (en)

METHOD AND DEVICE FOR ASCERTAINING PROPERTIES OF A FLUID FLOW

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG VON EIGENSCHAFTEN EINES FLUIDSTROMS

Title (fr)

PROCÉDÉ ET DISPOSITIF DE DÉTERMINATION DES PROPRIÉTÉS D'UN FLUX DE FLUIDE

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Application

EP 20829306 A 20201218

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Abstract (en)

[origin: WO2021119711A1] The invention relates to a method for ascertaining properties of a fluid flow (1). The fluid flow (1) is conducted through an irradiation chamber (2) in which the fluid flow (1) is irradiated with electromagnetic radiation in order to photoelectrically charge particles being carried in the fluid flow (1). The charge of the particles is ascertained in a particle measuring unit (3) arranged downstream of the irradiation chamber (2). The proportion of at least one component of the fluid flow is ascertained by means of a spectroscopic analysis of the electromagnetic radiation passing through the irradiation chamber (2).

IPC 8 full level

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