

Title (en)

PARTICLE SENSOR AND METHOD FOR OPERATING SAME

Title (de)

PARTIKELSENSOR UND BETRIEBSVERFAHREN HIERFÜR

Title (fr)

CAPTEUR DE PARTICULES ET PROCÉDÉ POUR LE FAIRE FONCTIONNER

Publication

EP 3903088 A1 20211103 (DE)

Application

EP 19801322 A 20191108

Priority

- DE 102018251790 A 20181228
- EP 2019080667 W 20191108

Abstract (en)

[origin: WO2020135943A1] The invention relates to a particle sensor comprising a particle charging device for charging particles in a fluid flow, said particle charging device having a corona electrode for generating a corona discharge, and the particle sensor having a trap electrode for deflecting charged particles of the fluid flow, the corona electrode and the trap electrode being controllable by the same control signal.

IPC 8 full level

G01N 15/06 (2006.01); **G01N 15/02** (2006.01); **H01T 19/04** (2006.01)

CPC (source: EP)

G01N 15/0656 (2013.01); **H01T 19/04** (2013.01); **G01N 2015/0046** (2013.01)

Citation (search report)

See references of WO 2020135943A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020135943 A1 20200702; DE 102018251790 A1 20200702; EP 3903088 A1 20211103

DOCDB simple family (application)

EP 2019080667 W 20191108; DE 102018251790 A 20181228; EP 19801322 A 20191108