

Title (en)
PARTICLE SENSOR AND METHOD FOR PRODUCING SAME

Title (de)
PARTIKELSENSOR UND HERSTELLUNGSVERFAHREN HIERFÜR

Title (fr)
CAPTEUR DE PARTICULES ET SON PROCÉDÉ DE FABRICATION

Publication
EP 3658888 A1 20200603 (DE)

Application
EP 18740560 A 20180711

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• DE 102017212789 A 20170725
• EP 2018068764 W 20180711

Abstract (en)
[origin: WO2019020373A1] The invention relates to a particle sensor (100; 100a; 100b; 100c; 100d; 100e) comprising a main body (110), a particle charging device (120) for charging particles in a fluid flow (A1) flowing over a first surface (110a) of the main body (110), wherein the particle charging device (120) has a high-voltage electrode (122) for generating a corona discharge (123) and a counter electrode (124), and the counter electrode (124) is designed and positioned to deflect charged portions of the fluid flow (A1).

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