

Title (en)  
PARTICLE SENSOR

Title (de)  
PARTIKELSENSOR

Title (fr)  
CAPTEUR DE PARTICULES

Publication  
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Application  
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Abstract (en)  
[origin: WO2018215203A1] The invention relates to a particle sensor (100) with a high-voltage electrode (202, 302) and at least one measuring electrode (210, 304, 308, 314). The high-voltage electrode (202, 302) is connected to an open end (118) of an inlet channel (114) via the inlet channel (114), and the high-voltage electrode (202, 302) is connected to an open end (120) of an outlet channel (116) via the outlet channel (116), wherein the at least one measuring electrode (210, 304, 308, 314) is arranged in the outlet channel (116). The invention is characterized in that the inlet channel (114) and the outlet channel (116) extend from the open end (118) of the inlet channel (114) and the open end (120) of the outlet channel (116), respectively, in the direction of the high-voltage electrode (202, 302) along a common axis (112). The invention also relates to a method for producing such a particle sensor (100).

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