

Title (en)  
ELECTROCHEMICAL CELL, AND PROCESS FOR MANUFACTURING AN ELECTROCHEMICAL CELL

Title (de)  
ELEKTROCHEMISCHE ZELLE UND VERFAHREN ZUM HERSTELLEN EINER ELEKTROCHEMISCHEN ZELLE

Title (fr)  
CELLULE ÉLECTROCHIMIQUE ET PROCÉDÉ DE FABRICATION D'UNE CELLULE ÉLECTROCHIMIQUE

Publication  
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Application  
**EP 21827370 A 20211213**

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Abstract (en)  
[origin: WO2022128890A1] The invention relates to a method for verifying the functionality of an intake particle detection system (100), in particular an intake fire detection system for detecting and/or localising a fire and/or the source of a fire, which intake particle detection system (100) has a fluid conduction system (110, 120, 130) having at least one pipe and/or hose line (110, 120), which opens out via one or more intake openings (A, B, C,... X) for removing a fluid sample into one or more monitoring regions (300). In a first method step (V1), a test fluid (210) is generated and/or provided by means of a test fluid generator (230), which is fluidically conductively connected or connectable to the fluid conduction system (110, 120, 130) via a test fluid line and/or a test fluid connection (130) of said fluid conduction system, and in a second method step (V2), the test fluid (210) is introduced via the test fluid line and/or the test fluid connection (130) into the fluid conduction system (110, 120, 130), a test fluid flow (220) being generated within the at least one pipe and/or hose line (110, 120) via a flow medium (140, 240). The invention is characterised in that the test fluid flow (220) within the at least one pipe and/or hose line (110, 120) is directed, starting from the test fluid generator (230), in the direction of the one or more intake openings (A, B, C,... X) in such a way that the test fluid (210) from the test fluid generator (230) enters the fluid conduction system (110, 120, 130) via the test fluid line and/or the test fluid connection (130) and exits from the one or more intake openings (A, B, C,... X), wherein, in a third method step (V3), respective actual exit times (tlst,A, tlst,B, tlst,C,... tlst,X) from the introduction and/or entry of the test fluid (210) into the fluid conduction system (110, 120, 130) until the exit of the test fluid (210) from a respective intake opening (A, B, C,... X) are detected by means of a timer (150, 250), and in a fourth method step (V4), the detected actual exit times (tlst,A, tlst,B, tlst,C,... tlst,X) are compared with a dataset (216) which is stored on a data carrier (160, 260) and which comprises setpoint exit times and/or setpoint exit time ranges (tSoll,A, tSoll,B, tSoll,C,... tSoll,X) associated with the respective intake openings (A, B, C,... X).

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