

Title (en)  
DETECTOR

Title (de)  
DETEKTOR

Title (fr)  
DÉTECTEUR

Publication  
**EP 4141833 A1 20230301 (EN)**

Application  
**EP 21792609 A 20210421**

Priority  
• JP 2020075695 A 20200421  
• JP 2021016125 W 20210421

Abstract (en)  
An object of the present disclosure is to reduce the chance that erroneous detection occurs. A sensor 1 includes a smoke detection chamber 4, an opening 510 and a dividing portion Z1. The smoke detection chamber 4 has an inlet port 40 through which smoke flows into the smoke detection chamber 4. The opening 510 connects an external space SP2 and a space SP1 surrounding the smoke detection chamber 4. The dividing portion Z1 divides the gas flow channel 6 such that a first ratio is made higher than a second ratio. The first ratio is a ratio of an amount of smoke reaching the inlet port 40 with respect to a first inflow of smoke flowing into the gas flow channel 6 through the opening 510. The second ratio is a ratio of an amount of steam reaching the inlet port 40 with respect to a second inflow of steam flowing into the gas flow channel 6 through the opening 510.

IPC 8 full level  
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CPC (source: EP)  
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Designated extension state (EPC)  
BA ME

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