Title (en)

SENSOR FOR ANALYZING GASES

Title (de)

SENSOR ZUR ANALYSE VON GASEN

Title (fr)

CAPTEUR D'ANALYSE DE GAZ

Publication

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Application

EP 18700449 A 20180102

Priority

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Abstract (en)

[origin: WO2018145822A1] The invention relates to a sensor (10) for analyzing gases, comprsing at least one housing (30) having a housing interior (130) having a first opening (170) and a second opening (190) offset the first opening (170); at least one sensor element (50), which is at least partly arranged in the housing interior (130); and at least one glass element (19) and at least one supporting element (70), which are arranged in the housing interior (130) in an interspace between a housing wall in the housing interior (130) and the sensor element (50) and surround the sensor element (50) completely, at least in some areas, wherein the glass element (90) is arranged in the housing interior (130) of the housing (30) at the first opening (170) of the housing interior (130) and is adapted to seal off the interspace hermetically in the direction of the first opening (170), and wherein the potting element (70) is arranged on the glass fusible element in the direction of the second opening (190) and is adapted to fix the sensor element (50) in a form-fitting manner in the housing interior (130). The invention further relates to a method (1000) for producing a sensor (10).

IPC 8 full level

G01N 27/407 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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