

Title (en)
DETECTOR AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
MESSFÜHLER UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
DETECTEUR ET SON PROCEDE DE PRODUCTION

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Application
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Abstract (en)
[origin: DE19707456A1] The invention relates to a detector, specially one determining the oxygen content in exhaust gases of internal combustion motors, and to a method for the production thereof. The detector comprises a fixture for a sensor element (12) located in a longitudinal bore (16) of a metal casing (10), in which the sensor element (12) is accommodated with a gastight seal, said seal being a glass seal (57). The fixture comprises a ceramic molded part (20) located in the measuring gas portion and a ceramic molded part (27) in the connecting portion, both parts being axially arranged one behind the other. The glass seal (57) is hot pressed into a hollow cavity (55) provided between both ceramic molded parts (20, 27).

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