

Title (en)
SENSOR ELEMENT OF A GAS SENSOR

Title (de)
SENSORELEMENT EINES GASSENSORS

Title (fr)
ELEMENT CAPTEUR D'UN CAPTEUR DE GAZ

Publication
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Application
EP 01997695 A 20011120

Priority
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Abstract (en)
[origin: WO0242760A2] The invention relates to a sensor element of a gas sensor, said sensor element being used to determine the concentration of at least one component of a gas mixture, in particular in the exhaust gases of internal combustion engines. The element contains at least two electrodes (22, 23), which are arranged in an internal gas chamber (15) that is in direct contact with the gas mixture, one electrode (22) consisting of a first material and the second electrode (23) consisting of a second material. The inner gas chamber (15) contains a physically and/or chemically active agent (34, 36, 38, 39) for preventing a metallic diffusion between the two electrodes (22, 23).

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