

Title (en)
GAS SENSOR

Title (de)
GASSENSOR

Title (fr)
DETECTEUR DE GAZ

Publication
EP 1989539 A1 20081112 (DE)

Application
EP 07703682 A 20070108

Priority
• EP 2007050129 W 20070108
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Abstract (en)
[origin: DE102006008227A1] The gas sensor has a proton conductor (2) which is connected to the two electrodes (3, 4) as a hydrogen ion pump cell (9). The sensor comprises two electrodes which are connected, such that they conduct protons, by a proton conductor, and a diffusion barrier (8) is arranged between sensor regions (7), which is to be exposed to the measurement gas. One electrode is catalytically active with respect to cleaving of the hydrogen-containing gas component.

IPC 8 full level
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CPC (source: EP)
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