

Title (en)  
SENSOR ELEMENT

Title (de)  
SENSORELEMENT

Title (fr)  
ELEMENT CAPTEUR

Publication  
**EP 0824692 A1 19980225 (DE)**

Application  
**EP 96945530 A 19961023**

Priority  
• DE 9602031 W 19961023  
• DE 19609323 A 19960309

Abstract (en)  
[origin: DE19609323A1] A sensor element, in particular for an electrochemical measurement sensor, is used to determine the oxygen content of gasses. The sensor element has a first electrode exposed to a measurement gas, a second electrode exposed to a reference gas, heating means for the sensor element and a reference gas flow channel that extends between the heating means and the second electrode. The reference gas flow channel (20) is branched at least in the area of the heating means (30).

IPC 1-7  
**G01N 27/406**

IPC 8 full level  
**G01N 27/409** (2006.01); **F01N 13/08** (2010.01); **G01N 27/406** (2006.01)

CPC (source: EP US)  
**G01N 27/4067** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**DE 19609323 A1 19970911**; **DE 19609323 B4 20081120**; EP 0824692 A1 19980225; JP 3868497 B2 20070117; JP H11505618 A 19990521; US 5902470 A 19990511; WO 9733163 A1 19970912

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**DE 19609323 A 19960309**; DE 9602031 W 19961023; EP 96945530 A 19961023; JP 53130697 A 19961023; US 95220497 A 19971107