

Title (en)

SENSOR ELEMENT AND SENSOR FOR DETERMINING OZONE CONCENTRATIONS

Title (de)

SENSORELEMENT UND SENSOR ZUR BESTIMMUNG VON OZONKONZENTRATIONEN

Title (fr)

ELEMENT CAPTEUR ET CAPTEUR POUR DETERMINER DES CONCENTRATIONS D'OZONE

Publication

EP 0904536 A1 19990331 (DE)

Application

EP 97923880 A 19970513

Priority

- DE 19619226 A 19960513
- EP 9702440 W 19970513

Abstract (en)

[origin: DE19619226A1] A sensor element for determining ozone concentrations is characterised in that it contains at least one dye with conjugated double bonds contained in a polymer layer with at least one polymer. Also disclosed are a sensor that contains at least one sensor element of this type and a process for determining ozone concentrations.

IPC 1-7

G01N 31/22; **G01N 33/00**

IPC 8 full level

G01N 31/00 (2006.01); **G01N 21/78** (2006.01); **G01N 31/22** (2006.01)

CPC (source: EP)

G01N 21/783 (2013.01); **G01N 31/225** (2013.01)

Citation (search report)

See references of WO 9743636A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

DE 19619226 A1 19971120; EP 0904536 A1 19990331; JP 2000510590 A 20000815; WO 9743636 A1 19971120

DOCDB simple family (application)

DE 19619226 A 19960513; EP 9702440 W 19970513; EP 97923880 A 19970513; JP 54052097 A 19970513