

Title (en)
ANALYTE-SELECTIVE SENSOR

Title (de)
ANALYTSELEKTIVER SENSOR

Title (fr)
DETECTEUR SELECTIF D'ANALYTE

Publication
EP 0787290 A1 19970806 (DE)

Application
EP 95934618 A 19951017

Priority
• DE 9501458 W 19951017
• DE 4437274 A 19941018

Abstract (en)
[origin: DE4437274A1] The invention concerns an analyte selective sensor for the qualitative and/or quantitative determination of ions or substances contained in solution. The proposed sensor (1) comprises at least one analyte-specific layer (3) deposited on an inert carrier (7) and in contact with the solution; this analyte-specific layer consists of a liquid, solid or semi-solid material and is in contact with at least two electrodes (5, 6). The layer (3) selectively removes the analyte from the solution so that its own electrical characteristics, such as resistance, conductivity, admittance or impedance, change as the analyte is taken up.

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