

Title (en)

METHOD FOR THE SIMULTANEOUS DETECTION OF A PLURALITY OF DIFFERENT TYPES OF ATMOSPHERIC POLLUTION USING GAS-SENSITIVE FIELD EFFECT TRANSISTORS

Title (de)

VERFAHREN ZUR GLEICHZEITIGEN DETEKTION MEHRERER UNTERSCHIEDLICHER LUFTBELASTUNGEN MIT GASSENSIVEN FELDEFFEKTTRANSISTOREN

Title (fr)

PROCEDE DE DETECTION SIMULTANEE DE DIFFERENTES POLLUTIONS DE L'AIR PAR DES TRANSISTORS A EFFET DE CHAMP SENSIBLES AU GAZ

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Application

EP 06777780 A 20060714

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Abstract (en)

[origin: WO2007009948A1] The invention relates to a gas sensor arrangement for the detection of atmospheric pollution, especially in the air supply of a passenger cabin, said arrangement consisting of at least one silicon chip known in microstructure technology and comprising a plurality of gas-sensitive field effect transistors which read out the gas reactions on sensitive layers in the presence of a target gas, in order to detect at least one target gas respectively characterising a certain type of atmospheric pollution. The inventive gas sensors are economical and robust.

IPC 8 full level

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