

Title (en)  
COMBINED OXYGEN AND NO<sub>x</sub> SENSOR

Title (de)  
KOMBINIERTER SAUERSTOFF- UND NO<sub>x</sub>-SENSOR

Title (fr)  
DETECTEUR D'OXYGENE ET DE NOX COMBINE

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Application  
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Abstract (en)  
[origin: WO03008957A1] A combined oxygen and NO<sub>x</sub> sensor is provided. Generally, the combined sensor employs a sensor body (220) that includes two different types of electrodes - oxygen-porous electrode layers (16a, 16c) and dissociative oxygen-porous electrode layers (16b, 16d). In accordance with one embodiment of the present invention, the sensor comprises a sensor body, an oxygen content electrical signal output, and a NO<sub>x</sub> content electrical signal output. The sensor body is disposed in the gas and comprises a plurality of oxygen-porous electrode layers and a plurality of dissociative oxygen-porous electrode layers. The dissociative oxygen-porous electrode layers comprise a material selected to dissociation of NO<sub>x</sub> into nitrogen and oxygen.

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