

Title (en)
COMBINED OXYGEN AND NO_x SENSOR

Title (de)
KOMBINIERTER SAUERSTOFF- UND NO_x-SENSOR

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

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Application
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Abstract (en)
[origin: WO03008957A1] A combined oxygen and NO_x 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_x 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_x into nitrogen and oxygen.

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