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Scheffler et al.

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(54) **SENSOR INTERROGATION**

(56) **References Cited**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 143 days.

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(57) **ABSTRACT**

A method of testing a system, which has at least one electrochemical sensor for detecting an analyte gas within a housing of the system, and the housing has an inlet, includes exhaling in the vicinity of the inlet of the housing of the system and measuring a response to exhaled breath to test one or more transport paths of the system. Measuring the response to exhaled breath may, for example, include measuring the response of a sensor within the housing of the system that is responsive to the presence of exhaled breath. The sensor responsive to the presence of exhaled breath may, for example, include an electrochemically active electrode responsive to a gas within exhaled breath. The electrochemically active electrode may, for example, be responsive to carbon dioxide or to oxygen.

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(58) **Field of Classification Search**
None
See application file for complete search history.

7 Claims, 15 Drawing Sheets

