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(54) **Oxygen depletion sensor**

(57) In certain embodiments, an apparatus includes an oxygen depletion sensor that includes a thermocouple, a first nozzle configured to direct heat from combustion of a first gas, liquid, or combination thereof to the thermocouple, a second nozzle configured to direct heat from combustion of a second gas, liquid, or combination thereof to the thermocouple, and a first igniter.

tion of a first gas, liquid, or combination thereof to the thermocouple, a second nozzle configured to direct heat from combustion of a second gas, liquid, or combination thereof to the thermocouple, and a first igniter.

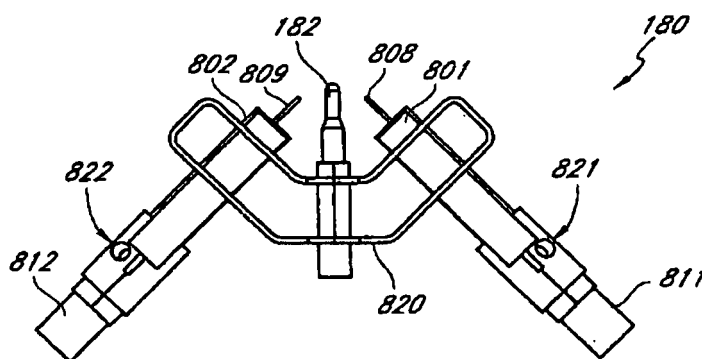


FIG. 15



EUROPEAN SEARCH REPORT

 Application Number
EP 07 00 9672

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Place of search Munich		Date of completion of the search 29 March 2012	Examiner Rudolf, Andreas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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