

ENHANCED PHOTOOXIDATION REACTOR AND PROCESS

ABSTRACT

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Aspects and embodiments of the present disclosure are directed to apparatus and methods for the photooxidation of sulfur-containing contaminants in air. In one example, an odor control system comprises a source of air contaminated with a sulfur-containing compound and a UV oxidation reactor having an inlet in fluid

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communication with the source of contaminated air. The reactor includes a source of UV radiation disposed within the reactor and a reflective coating disposed on internal surfaces of the reactor.

Fig. 1A