

Hydroxyl Generator Ozone Chamber Test

This is an paragraph taken from a Patent Application by Guy Morneault CEO of HGI Industries. In this paragraph he says that TiO₂ & UV "is deemed to yeild higher oxidation performance". I think he is saying the process that we use in our Titans makes more hydroxyls than his process.

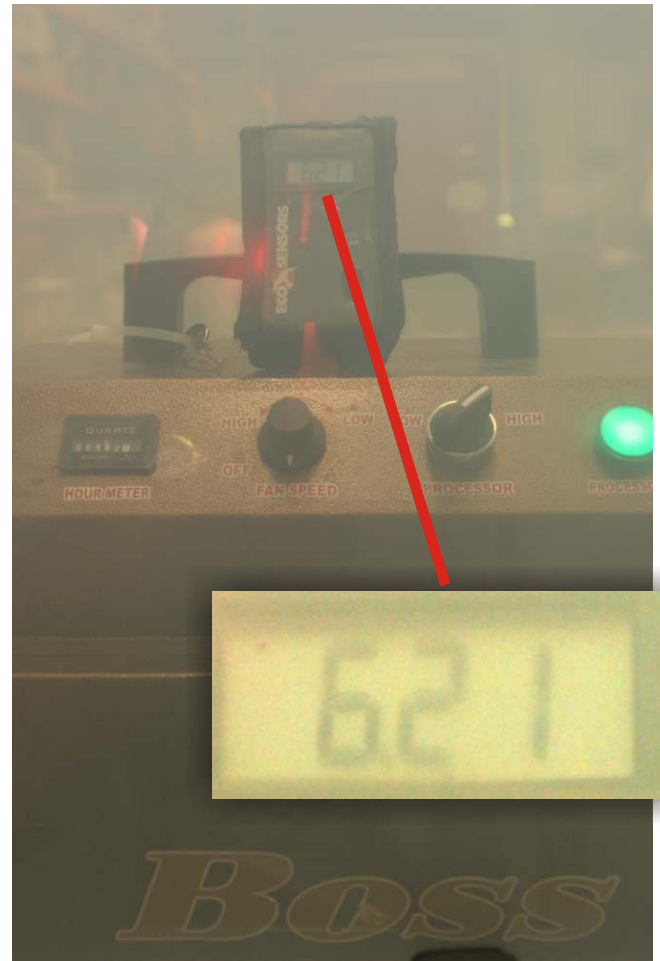
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(54) ODOR CONTROL THROUGH
AIR-FACILITATED INJECTION OF
HYDROXYL RADICALS
(76) Inventors: Guy G. Morneault, Kelowna (CA);

[0008] A variation of photocatalytic oxidation, dubbed Advanced Photocatalytic Oxidation (APO) has been also applied. It is defined by the complementary utilization of any of ozone, hydrogen peroxide H₂O₂ or reactive material surfaces such as titanium dioxide TiO₂ in tandem with the UV energy. While APO is deemed to yield higher oxidation performance, it comes also with higher costs to operate and bulkiness to the apparatus.

HGI the manufacturer of the Odorox Boss love to say that hydroxyls read the same as ozone and that is why you cannot test their unit with an ozone analyzer.

Odorox Boss



Titan 4000



So according to Guy Morneault CEO of HGI our Titan 4000 makes more hydroxyls than his Boss does. If that is **IN FACT** the case according to Guy Morneault of HGI then why does our Titan 4000 in the same size test chamber and run for the same amount of time with an ozone analyzer read "0"ppm for ozone while the Boss reads 6.21ppm or 124.2 time the allowable limit as set by various government agencies?

Another One Right From The Mouth Of Guy Morneault - CEO of HGI Industries.