SYSTEM AND METHOD FOR SCREENING LIQUID COMPOSITIONS

ABSTRACT

[00125] Disclosed herein is a system and method for screening a liquid composition. The system includes (a) a test cell having a top portion and a bottom portion, the test cell comprising (i) a test panel removably mounted to the top portion of the test cell at an angle of between about 10 to about 45 degrees to the horizontal of the test cell; (ii) a reservoir for holding the liquid composition; and (iii) a means for applying a substantially uniform coating of the liquid composition from the reservoir to at least a portion of the test panel; (b) a means for heating the test panel according to a first temperature control program; (c) a means for heating the reservoir according to a second temperature control program; and (d) a means for supplying an oxidizing gas to the test cell.

(Figure 2.)