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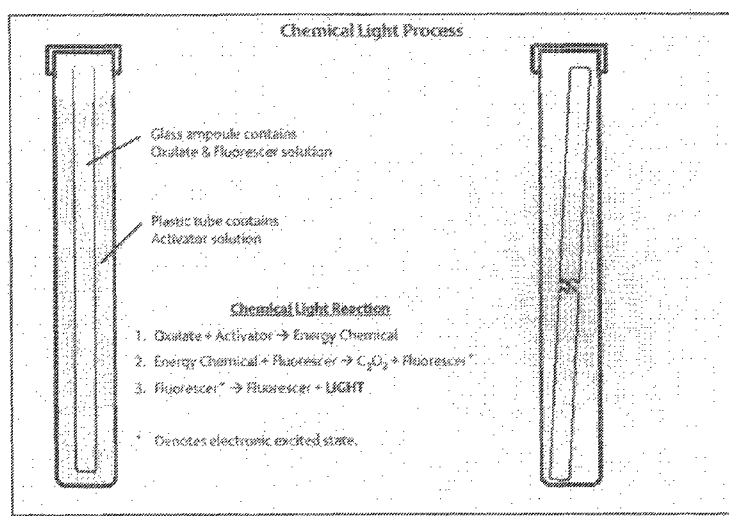
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(54) Title: COMBINED THERMAL AND CHEMILUMINESCENT REACTION SYSTEM

Figure 1



(57) Abstract: A multiple-part marking system that comprises at least one first part comprising at least one oxalate ester, at least one fluoresces and at least one inorganic salt chosen from sodium thiosulphate, potassium thiosulphate, cobalt acetate, copper acetate, lead acetate, cupric chloride, ferric chloride, calcium iodide, potassium iodide, and silver nitrate; and at least one second part comprising at least one peroxide and at least one catalyst chosen from sodium salicylate, lithium salicylate, 5-chlorolithium salicylate, triazoles (e.g., 1,2,3-triazole and 1,2,4-triazole), substituted triazoles (e.g., substituted 1,2,3-triazole and substituted 1,2,4-triazole), imidazoles, and substituted imidazoles. Light and heat are emitted when the two parts interact.