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(54) Title: COMPOSITION FOR FORMING A LASER-MARKABLE COATING AND A LASER-MARKABLE MATERIAL CONTAINING ORGANIC ABSORPTION ENHANCEMENT ADDITIVES

(57) Abstract: A coating composition for coating on a substrate to form a sensitive media suitable for color formation by exposure to a laser in the wavelength range of from about 10.3 to about 10.6 microns is provided, the coating composition comprising: (a) at least one organic compound which absorbs electromagnetic radiation in the wavelength range of from about 10.3 to about 10.6 microns and which generates sufficient energy to trigger a color formation reaction, and (b) at least one color forming agent which can form a human-visible mark upon a triggering reaction by the absorbed energy in the coated media.



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