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(54) Title: USE OF INDOLINIUM DIAZAMETHINE CATIONS FOR OPTICAL DATA RECORDING

(57) Abstract: The invention relates to the use of dyestuff salts of indolinium diazamethine type cations with azo metal complex anions based on pyridinones in optical layers for optical data recording, preferably for optical data recording using a laser with a wavelength up to 450 nm. The invention further relates to a write once read many (WORM) type optical data recording medium capable of recording and reproducing information with radiation of blue laser, which employs dyestuff salts of indolinium diazamethine type cations with azo metal complex anions based on pyridinones in the optical layer.



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