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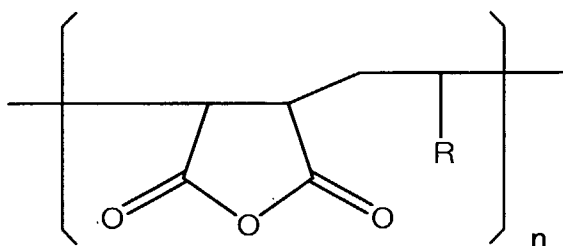
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(54) Title: PIGMENT DISPERSION, RECORDING INK, INK CARTRIDGE, INK-JET RECORDING METHOD AND INK-JET RECORDING APPARATUS



(1)

formula (1), R represents an alkyl group and n is an integer of 30 to 100.

(57) Abstract: A pigment dispersion is provided that comprises a pigment, a pigment dispersant, a polymer dispersion stabilizer and water, wherein the polymer dispersion stabilizer is an alpha-olefin/maleic anhydride copolymer expressed by the formula (1) below. A recording ink is also provided that comprises the pigment dispersion, a surfactant, a water-dispersible resin, a humectant and water. in the structural