This Sheet Has Been Replaced

ABSTRACT OF THE DISCLOSURE

An ink for ink-jet recording which comprises (a) a coloring material, (b) a liquid medium, (c) a compound selected from the group consisting of polyphosphoric acid, dicarboxylic acid, polyaminocarboxylic acid, aldonic acid, hydroxycarboxylic acid, polyolphosphate and salts thereof, and (d) an acid having an amino group and/or a salt thereof, the use of which reduces kogation of the ink-jet head heater having an outermost protecting layer containing at least one of a metal and a metal oxide.