PROCESSING LIQUID FOR INK-JET RECORDING, INK SET, CARTRIDGE CONTAINING THEM, AND, IMAGE FORMING PROCESS AND IMAGE FORMING APPARATUS FOR INK-JET RECORDING THEREWITH

ABSTRACT

A processing liquid for ink-jet recording that can produce clear and glossy images without feathering even when printing on plain paper and also that can afford high reliability without clogging of ink-jet nozzles due to drying even when the processing liquid is allowed to stand for a long period.

The processing liquid for ink-jet recording according to the present invention comprises fine particles that react with a coloring material when the processing liquid contacts with a recording liquid comprising the coloring material, water and a water-soluble organic solvent having a boiling point of 210 °C or more, wherein the content a(wt %) of fine particles and the content b (wt %) of the water-soluble organic solvent based on the total amount of processing liquid satisfy: $10 \leq a < 40$, and $b/a > 1.50$.

FIG 1