

ABSTRACT

SURFACE TREATMENT LIQUID FOR COPPER-CONTAINING METAL

A surface treatment liquid for copper-containing metal, having a high treatment capacity and a capability of forming a smooth surface, includes (A) an aqueous acid solution including hydrogen peroxide, a mineral acid and a H_2O_2 stabilizer, (B) a metal dissolution rate-regulator including aminophenolsulfonic acid and/or benzamide and optionally an additive such as sulfanilic acid, as an agent for preventing change in metal dissolution rate with the lapse of time, and/or ammonium hydrogenfluoride as a surface-smoothing agent.

(Figure 1)