

Title (en)

METHOD FOR MEASUREMENT AND REGULATION OF THE CONCENTRATION OF COPPER, FORMALDEHYDE AND SODIUMHYDROXIDE IN AN ELECTROLESS COPPER DEPOSITION BATH AND SAMPLING APPARATUS FOR USE IN THIS METHOD

Publication

**EP 0016415 B1 19840613 (DE)**

Application

**EP 80101281 A 19800312**

Priority

DE 2911073 A 19790321

Abstract (en)

[origin: US4286965A] A control apparatus for automatically controlling at least the concentration of copper-ions, hydroxyl-ions and formaldehyde-ions in an electroless copper plating bath and independently analyzing, displaying and replenishing the concentration of each such ions whereby a sample for each of the ions is discontinuously removed from the plating bath and diluted with a specific amount of water and, independently of one another, the copper-ion concentration is colorimetrically analyzed, displayed and replenished as needed, the hydroxyl-ion concentration is potentiometrically analyzed, displayed and replenished as needed and the formaldehyde-ion concentration is amperometrically analyzed, displayed and replenished as needed.

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CPC (source: EP US)

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