

Title (en)

A stable aqueous colloid for the activation of non-conductive substrates and the method of activating.

Title (de)

Stabiles wässriges Kolloid zur Aktivierung nichtleitender Substrate und Verfahren zur Aktivierung.

Title (fr)

Colloïde aqueux stable pour l'activation de substrats non-conducteurs et procédé pour l'activation.

Publication

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Application

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Priority

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Abstract (en)

A stable colloidal solution useful for activating non-conductive substrates for subsequent electroless plating containing colloidal copper and/or copper oxide particles as the effective activating agent, said particles having a zeta potential between about +3 and +13 millivolts a particle size between about 10 and 100 millimicrons and being stable and capable of activating a non-conductive substrate over practically the entire pH range and advantageously between a pH of about 2 through 8. Also a method of activating a non-conductive substrate using the stable colloidal solution is disclosed.

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IPC 8 full level

C23C 18/28 (2006.01)

CPC (source: EP)

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- AU 422372 B1 19720314
- US 4020197 A 19770426 - STEFFEN HORST

Cited by

US4761304A; EP1767495A1; US4719145A; US4666739A; US4520046A; US4847114A; US4759952A; US7300683B2; US8039043B2

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