

Title (en)

A STABLE AQUEOUS COLLOID FOR THE ACTIVATION OF NON-CONDUCTIVE SUBSTRATES AND THE METHOD OF ACTIVATING

Publication

EP 0044878 B1 19840620 (EN)

Application

EP 80104428 A 19800728

Priority

EP 80104428 A 19800728

Abstract (en)

[origin: EP0044878A1] A stable colloidal solution useful for activating non-conductive substrates for subsequent alectroless 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.

IPC 1-7

C23C 17/00; **C23C 3/00**; **C25D 5/00**

IPC 8 full level

C23C 18/28 (2006.01)

CPC (source: EP)

C23C 18/28 (2013.01)

Cited by

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

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0044878 A1 19820203; **EP 0044878 B1 19840620**; DE 3068305 D1 19840726

DOCDB simple family (application)

EP 80104428 A 19800728; DE 3068305 T 19800728