

Title (en)

PROCESS FOR THE ACTIVATION OF SUBSTRATES FOR ELECTROLESS METAL PLATING

Publication

EP 0131195 B1 19870812 (DE)

Application

EP 84107302 A 19840626

Priority

DE 3324767 A 19830708

Abstract (en)

[origin: US4575467A] Complex compounds of elements of sub-groups 1 and 8 of the periodic table in oxidation stages 1-4 with unsaturated ketones of the formula <IMAGE> (I) wherein R1 and R4 denote alkyl, cycloalkyl or aryl and R2 and R3 denote hydrogen or alkyl, are outstandingly suitable for activating substrate surfaces for electroless metallization since these complexes are distinguished by a high storage stability. The palladium complexes of but-3-en-2-one and hept-3-en-2-one are preferred.

IPC 1-7

C23C 18/28

IPC 8 full level

C23C 18/28 (2006.01); **C23C 18/30** (2006.01); **H05K 3/18** (2006.01)

CPC (source: EP US)

C23C 18/28 (2013.01 - EP US)

Cited by

EP0166327A3; US5182135A; US5888372A; EP0241754A1; EP0256395A3; EP0255012A3

Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0131195 A2 19850116; EP 0131195 A3 19851023; EP 0131195 B1 19870812; CA 1234134 A 19880315; DE 3324767 A1 19850117; DE 3465344 D1 19870917; JP H0416548 B2 19920324; JP S6039166 A 19850228; US 4575467 A 19860311

DOCDB simple family (application)

EP 84107302 A 19840626; CA 458300 A 19840706; DE 3324767 A 19830708; DE 3465344 T 19840626; JP 13741884 A 19840704; US 62488284 A 19840627