

Title (en)
METHOD FOR TREATMENT OF A METAL SURFACE

Publication
EP 0013328 B1 19851009 (EN)

Application
EP 79104738 A 19791128

Priority
AU PD696678 A 19781130

Abstract (en)
[origin: EP0013328A1] A method of treatment of a metal surface in which there can be metal oxides on the surface which includes applying to the surface a solution formulated to be substantially non-reactive with the oxide allowing this to perfuse through the oxide but to be substantially reactive with the underlying metal and to also include metals to act as a buffer to localise action on the underlying metal and further provide a pacivating coat the method including the further step of then coating such appropriate surface. The solution may contain a weak acid in substantial concentration (e.g. 57,3 %phosphoric acid and 36,7 %water) and significant quantities of a buffering and inhibiting type compound (e.g. 5,4 %urea) as well as soluble metal salts (e.g. 0,08% copper sulphate, 0,08% cobalt sulphate, 0,08% chromium sulphate, 0,08% nickel sulphate, 0,08% manganese sulphate and 0,08% zinc sulphate).

IPC 1-7
C23C 22/00

IPC 8 full level
B05D 7/14 (2006.01); **C23C 18/18** (2006.01); **C23C 22/00** (2006.01); **C23C 22/06** (2006.01); **C23F 1/00** (2006.01); **C25D 5/34** (2006.01)

CPC (source: EP)
C23C 22/06 (2013.01)

Cited by
GB2172614A; US5378292A; WO9516805A1

Designated contracting state (EPC)
BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)
EP 0013328 A1 19800723; EP 0013328 B1 19851009; CA 1143632 A 19830329; DE 2967529 D1 19851114; ES 486448 A0 19801101; ES 8100357 A1 19801101; JP S5591996 A 19800711; NZ 192220 A 19821221; ZA 796451 B 19801126

DOCDB simple family (application)
EP 79104738 A 19791128; CA 340835 A 19791128; DE 2967529 T 19791128; ES 486448 A 19791129; JP 15546879 A 19791130; NZ 19222079 A 19791123; ZA 796451 A 19791128