

Title (en)
Method of coating aluminum wheels and clear coated aluminium wheels

Title (de)
Verfahren zum Beschichten von Aluminiumrädern und hergestellte Aluminiumräder

Title (fr)
Procédé de revêtement de roues en aluminium et roues obtenues

Publication
EP 1120479 A2 20010801 (EN)

Application
EP 01400218 A 20010126

Priority
JP 2000019400 A 20000128

Abstract (en)
A method of coating an aluminum wheel comprising subjecting a degreased aluminum wheel to (1) treatment with a surface conditioner, (2) colorless rust prevention with a chromate-free rust preventing agent, and (3) application of a clear coating in succession wherein said surface conditioner is an aqueous solution containing 0.01 to 20 mass % of a molybdic acid compound and 0.1 to 30 mass % of sulfuric acid, with its pH being less than 1 and the molybdic acid compound/sulfuric acid mass ratio of 0.01 to 1, and said rust inhibition being carried out without chromate and being not accompanied with pigmentation.

IPC 1-7
C23C 22/40; **C23C 22/83**

IPC 8 full level
B05D 7/14 (2006.01); **B05D 7/00** (2006.01); **C23C 22/40** (2006.01); **C23C 22/73** (2006.01); **C23C 22/83** (2006.01); **B05D 5/06** (2006.01)

CPC (source: EP)
B05D 7/51 (2013.01); **C23C 22/40** (2013.01); **C23C 22/73** (2013.01); **C23C 22/83** (2013.01); **B05D 5/067** (2013.01); **B05D 2202/25** (2013.01)

Cited by
WO2013023419A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1120479 A2 20010801; **EP 1120479 A3 20030709**; JP 2001205185 A 20010731

DOCDB simple family (application)
EP 01400218 A 20010126; JP 2000019400 A 20000128