Title (en)

AQUEOUS PHOSPHATING COMPOSITION AND PROCESS FOR METAL SURFACES

Title (de)

WÄSSRIGE PHOSPHATISIERUNGSZUSAMMENSETZUNG UND VERFAHREN FÜR METALLISCHE OBERFLÄCHEN

Title (fr)

COMPOSITION AQUEUSE DE PHOSPHATATION ET PROCEDE POUR SURFACES METALLIQUES

Publication

EP 0966554 A4 20000405 (EN)

Application

EP 98905967 A 19980122

Priority

- JP 1135797 A 19970124
- US 9800903 W 19980122

Abstract (en)

[origin: WO9832894A1] An aqueous zinc phosphate conversion coating that contains 5 to 50 g/L of phosphate ions, 0.2 to 10 g/L of zinc ions, and 0.5 to 4.0 g/L as hydroxylamine of a hydroxylamine source, and also: (1) contains 0.01 to 5.0 g/L polycarboxylic acid or salt thereof and/or starch phosphate; or (2) has a zinc ions/phosphate ions weight ratio below 0.27 and a zinc ions concentration of at least 2.0 g/L forms high quality zinc phosphating coatings on metal surfaces even if the surfaces have not been previously conditioned by contact with a dispersion of colloidal titanium.

IPC 1-7

C23C 22/07; C23C 22/17; C23C 22/36; C23C 22/12

IPC 8 full level

C23C 22/12 (2006.01); **C23C 22/17** (2006.01); **C23C 22/18** (2006.01); **C23C 22/36** (2006.01)

CPC (source: EP)

C23C 22/12 (2013.01); **C23C 22/17** (2013.01); **C23C 22/184** (2013.01); **C23C 22/362** (2013.01); **C23C 22/364** (2013.01); **C23C 22/365** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

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