

Title (en)

METHOD FOR PHOSPHATING METAL SURFACES IN NON-AQUEOUS PHOSPHATING BATHS

Publication

**EP 0089455 B1 19850828 (DE)**

Application

**EP 83100386 A 19830118**

Priority

DE 3209828 A 19820318

Abstract (en)

[origin: ES8401147A1] A process for phosphating metallic surfaces in nonaqueous phosphating baths comprising low-boiling halogenated hydrocarbons, aqueous phosphoric acid as the phosphating agent, alcohols as the solubilizer, and, optionally, further known components, e.g., stabilizers, inhibitors, or accelerators, comprising dipping the workpieces to be phosphated at least twice for at least 10 seconds into the boiling phosphating bath and, in the interval, leaving them for at least 20 seconds in the gaseous phase.

IPC 1-7

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IPC 8 full level

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