

Title (en)

BATH AND PROCESS FOR ANODISING ALUMINISED PARTS

Publication

**EP 0090266 A3 19850502 (DE)**

Application

**EP 83102612 A 19830316**

Priority

DE 3211782 A 19820330

Abstract (en)

[origin: US4455201A] Aluminized parts are anodized in an aqueous bath which contains 1050 to 1040 g per L of sulfuric acid with a density of 1.84 and optionally 1 to 100 g of a polyhydroxy alcohol and 1 to 100 g of a multibasic organic acid. The anodizing is carried out at a pH value of less than 1 with a current density of 0.5 to 3 A/dm<sup>2</sup> at 0 DEG to 30 DEG C. The method can be used with partially aluminized parts without destroying the base material.

IPC 1-7

**C25D 11/06**

IPC 8 full level

**C25D 11/04** (2006.01); **C25D 11/06** (2006.01); **C25D 11/08** (2006.01)

CPC (source: EP US)

**C25D 11/06** (2013.01 - EP US)

Citation (search report)

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- US 1869042 A 19320726 - HELMER BENGSTON
- CHEMICAL ABSTRACTS, Vol. 83, No. 10, Sept. 8 1975, seite 559, Zusammenfassung 87355e (Columbus, Ohio, US); & SU-A-466298 (ZARETSKII E.M. et al.) 05-04-1957 \*Zusammenfassung\*
- Metal Finishing Abstracts, Vol. 24, No. 6, Nov.-Dec. 1982, seite 395. A.N. SIMAKOVA et al.: "Aluminium Alloy Anodising Electrolyte". \*Zusammenfassung\*

Cited by

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Designated contracting state (EPC)

AT DE FR GB NL

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 83102612 A 19830316**; DE 3211782 A 19820330; JP 5229883 A 19830328; US 48006183 A 19830329