

Title (en)
BATH FOR THE CHEMICAL POLISHING OF STEEL SURFACES

Publication
EP 0019964 B1 19830413 (FR)

Application
EP 80200451 A 19800514

Priority
FR 7913556 A 19790525

Abstract (en)
[origin: EP0019964A1] 1. Bath for the chemical polishing of steel surfaces, which comprises, in aqueous solution, a mixture of phosphoric acid, hydrochloric acid and nitric acid, a viscosity regulator, a surface-active agent, and sulphosalicyclic acid as a brightener, characterised in that the overall normality of the mixture of acids in the aqueous solution is between 1 and 6 and the ratio of the normality of each acid in the mixture of acids to the overall normality of the mixture is between 0.05 and 0.80 in the case of phosphoric acid, between 0.15 and 0.90 in the case of hydrochloric acid and between 0.001 and 0.80 in the case of nitric acid, in that the viscosity regulator is a cellulose ether and the proportion thereof, expressed in g/litre of aqueous solution, is between 0.3 and 0.7 times the overall normality of the mixture of acids, in that the surface-active agent is an alkylpyridinium chloride and the proportion thereof, expressed in g/litre of aqueous solution, is between 0.15 and 0.45 times the overall normality of the mixture of acids, and in that the proportion of sulphosalicyclic acid, expressed in g/litre of aqueous solution, is between 0.15 and 0.40 times the overall normality of the mixture of acids.

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CPC (source: EP)
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Cited by
CN104131293A; CN102703937A; US5209820A; CN104131301A; EP0193239A1; US4652340A; FR2717829A1; US5762819A; EP0425013A1; BE1003579A3; BE1003670A3; US5599399A; HRP920944A2; EP0274776A1; FR2608173A1; US5135610A; WO9526428A1; WO9113187A1

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