

Title (en)

Composition of salt baths based on alkali metal nitrates for oxidizing ferrous metals to improve their corrosion resistance

Title (de)

Zusammensetzung von Schmelzbädern auf der Basis von Alkalimetallnitraten zum Oxydieren von Eisenmetalle zur Verbesserung dessen Korrosionsbeständigkeit

Title (fr)

Composition de bains de sels à base de nitrates alcalins pour oxyder du métal ferreux et ainsi améliorer sa résistance à la corrosion

Publication

EP 0667401 B1 19971126 (FR)

Application

EP 95400204 A 19950201

Priority

FR 9401448 A 19940209

Abstract (en)

[origin: EP0667401A1] A salt bath compsn., contg. nitrate anions and sodium and opt. potassium cations, used at 320-550 degrees C for surface oxidn. of esp. nitrided ferrous metal parts to increase their corrosion resistance, includes 0.1-5 (pref. 0.5-1.75) wt.% lithium cations substituting sodium or potassium cations.

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IPC 8 full level

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