

Title (en)

Fused-salt bath and process for electrolytic surface coating

Title (de)

Schmelzbad und Verfahren zur elektrolytischen Oberflächenbeschichtung

Title (fr)

Bain de sel fondu et procédé de revêtement électrolytique d'une surface

Publication

EP 0578605 B1 19980304 (DE)

Application

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Priority

DK 89792 A 19920708

Abstract (en)

[origin: EP0578605A1] The invention relates to a molten bath for plating with high-melting metals, in particular niobium and tantalum. The bath consists of an alkali metal fluoride melt, which contains oxide ions and ions of the metal to be precipitated. The molar ratio between the metal to be precipitated and the oxide ions, or the other cations in the melt, must be held within given ratios. The redox level must be held at a value which corresponds to that which is reached when the molten bath is in contact with the particular high-melting metal in the metallic form. The invention also relates to a process in which the bath in question is used.

IPC 1-7

C25D 3/66

IPC 8 full level

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CPC (source: EP)

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Cited by

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