

Title (en)

PROCESS FOR THE ELECTROCHEMICAL AND CHEMICAL DEPOSITION OF A LAYER ON NIOBIUM

Publication

EP 0155611 A3 19870624 (DE)

Application

EP 85102717 A 19850309

Priority

DE 3410243 A 19840321

Abstract (en)

[origin: US4632734A] Niobium is electrochemically or chemically coated by subjecting work pieces made of niobium to a blast treatment with aluminium oxide, a treatment with an alkaline cyanide bath, a preliminary nickel deposition treatment using an acidic nickel chloride bath, another treatment with an alkaline cyanide bath, and thereafter to an electrochemical or chemical coating treatment with the desired metal in a per se known manner. To properties of the coatings, more specifically, satisfy the requirements as set for supra-conductive materials.

IPC 1-7

C25D 5/38; **C25D 5/10**

IPC 8 full level

C23C 18/18 (2006.01); **C25D 5/28** (2006.01); **C25D 5/38** (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP US)

C25D 5/38 (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US)

Citation (search report)

- [A] FR 1597726 A 19700629
- [A] US 3328271 A 19670627 - KNEIP JR GEORGE D, et al
- [A] EP 0035241 A1 19810909 - MTU MUENCHEN GMBH [DE]
- [A] H. DETTNER et al.: "Handbuch der Galvanotechnik", Band II, 1966, Seiten 1008-1009, Carl Hanser Verlag, München, DE

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CN103882492A; EP0470878A1; FR2665185A1; US5154816A; WO9201823A1

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