

Title (en)

TANTALUM-SILICON AND NIOBIUM-SILICON SUBSTRATES FOR CAPACITOR ANODES

Title (de)

TANTAL-SILICIUM- UND NIOB-SILICIUM-SUBSTRATE FÜR KONDENSATORANODEN

Title (fr)

SUBSTRAT DE TANTALE-SILICIUM ET DE NIOBIUM-SILICIUM DESTINES A DES ANODES DE CONDENSATEURS

Publication

**EP 1370716 A4 20070808 (EN)**

Application

**EP 02709474 A 20020212**

Priority

- US 0204073 W 20020212
- US 26837801 P 20010212

Abstract (en)

[origin: WO02064858A1] The allows: Ta-Si, Nb-Si, TaN-Si, NbN-Si and variants are used as enhanced powder anode substrates for electrolytic capacitor anodes (sintered powder masses) with dielectric oxide formation at walls of the internal pores.

IPC 8 full level

**C22C 1/04** (2006.01); **C22C 1/05** (2006.01); **C22C 27/02** (2006.01); **C25B 11/04** (2021.01); **H01G 9/042** (2006.01); **H01G 9/052** (2006.01)

IPC 8 main group level

**C25B** (2006.01)

CPC (source: EP KR)

**C25B 11/04** (2013.01 - KR); **H01G 9/042** (2013.01 - EP KR); **H01G 9/052** (2013.01 - EP); **H01G 9/0525** (2013.01 - EP KR)

Citation (search report)

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- [Y] EP 0974988 A2 20000126 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [XA] WO 9961672 A1 19991202 - CABOT CORP [US]
- See references of WO 02064858A1

Designated contracting state (EPC)

DE GB PT

DOCDB simple family (publication)

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DOCDB simple family (application)

**US 0204073 W 20020212**; AU 2002243956 A 20020212; BR 0207200 A 20020212; CA 2438246 A 20020212; CN 02804876 A 20020212; CZ 20032169 A 20020212; EP 02709474 A 20020212; IL 15727302 A 20020212; JP 2002564166 A 20020212; KR 20037010542 A 20030811; MX PA03007171 A 20020212; RU 2003127948 A 20020212