

Title (en)

Cathode foil for electrolytic capacitors.

Title (de)

Kathodenfolie für Elektrolytkondensatoren.

Title (fr)

Feuille cathodique pour condensateurs électrolytiques.

Publication

EP 0000965 A1 19790307 (EN)

Application

EP 78200123 A 19780731

Priority

NL 7709231 A 19770822

Abstract (en)

[origin: US4245276A] Improved cathode foil of an Al-Mn alloy for electrolytical capacitors with which a higher capacitance value and, in accordance with a further elaboration, a higher impact strength of the foil is obtained. To this end the foil has next to 0.2-2 weight % of Mn a Cu-content between 0.15 and 5.3% and preferably a Ti-content between 0.03 and 0.5%.

IPC 1-7

H01G 9/04; **C22C 21/00**; **C22C 21/12**

IPC 8 full level

C22C 21/00 (2006.01); **C22C 21/12** (2006.01); **H01G 9/04** (2006.01); **H01G 9/042** (2006.01); **H01G 9/045** (2006.01)

CPC (source: EP US)

C22C 21/00 (2013.01 - EP US); **C22C 21/12** (2013.01 - EP US); **H01G 9/045** (2013.01 - EP US)

Citation (search report)

- [AD] US 3899723 A 19750812 - MUHLHAUSSER MARTIN, et al
- [A] GB 945700 A 19640108 - ALUSUISSE

Cited by

EP0049115A3; US4800133A; FR2452773A1; FR2408203A1

Designated contracting state (EPC)

BE CH DE FR GB NL

DOCDB simple family (publication)

EP 0000965 A1 19790307; **EP 0000965 B1 19800903**; AT 365856 B 19820225; AT A607678 A 19810615; CA 1107538 A 19810825; DE 2860139 D1 19801211; IT 1160599 B 19870311; IT 7868931 A0 19780818; JP S5443564 A 19790406; NL 7709231 A 19790226; US 4245276 A 19810113

DOCDB simple family (application)

EP 78200123 A 19780731; AT 607678 A 19780821; CA 309614 A 19780818; DE 2860139 T 19780731; IT 6893178 A 19780818; JP 10137478 A 19780819; NL 7709231 A 19770822; US 93091678 A 19780804