

Title (en)
SELF-PRESERVING CAPACITOR

Publication
EP 0000210 B1 19820505 (DE)

Application
EP 78200006 A 19780601

Priority
DE 2730038 A 19770702

Abstract (en)
[origin: US4190878A] The disintegration of the aluminum layer in standard capacitors which takes place as a function of electric field strength is prevented by use of a thin coating which includes a small amount of evenly distributed copper. The average percentage in weight of copper in an aluminum layer is preferably between 2 and 5 percent. The coating is vapor deposited.

IPC 1-7
H01G 4/24; **H01G 1/01**

IPC 8 full level
H01G 4/015 (2006.01); **H01G 4/008** (2006.01); **H01G 4/18** (2006.01)

IPC 8 main group level
H01G (2006.01)

CPC (source: EP US)
H01G 4/008 (2013.01 - EP US); **H01G 4/015** (2013.01 - EP US)

Cited by
GB2172432A; EP0103762A3; US4502095A; US8361064B2; EP4108210A1

Designated contracting state (EPC)
CH DE FR GB NL SE

DOCDB simple family (publication)
EP 0000210 A1 19790110; **EP 0000210 B1 19820505**; DE 2730038 A1 19790111; DE 2730038 C2 19831229; DE 2861777 D1 19820624; IT 1096867 B 19850826; IT 7825170 A0 19780630; JP S5413958 A 19790201; JP S611884 B2 19860121; US 4190878 A 19800226

DOCDB simple family (application)
EP 78200006 A 19780601; DE 2730038 A 19770702; DE 2861777 T 19780601; IT 2517078 A 19780630; JP 7968778 A 19780630; US 91843178 A 19780623