

Title (en)

Aluminium alloy based cathodic protection consumable anode

Title (de)

Selbstverzehrende Anode für den kathodischen Korrosionsschutz aus einer Aluminiumlegierung

Title (fr)

Anode consommable de protection cathodique en alliage à base d'aluminium

Publication

EP 0651075 B1 19990602 (FR)

Application

EP 94402419 A 19941027

Priority

FR 9312916 A 19931029

Abstract (en)

[origin: EP0651075A1] Sacrificial anode for the cathodic protection of steels and alloys which are sensitive to corrosion in seawater, operating in an electrochemical potential region in seawater from -870 mV to -700 mV with reference to the potential of a saturated calomel electrode, consisting of an aluminium-based alloy including a percentage of gallium from 0.03 to 0.20 % and/or a percentage of cadmium from 0.03 to 0.20 %.

IPC 1-7

C23F 13/14; **C23F 13/18**; **C22C 21/00**

IPC 8 full level

C22C 21/00 (2006.01); **C23F 13/14** (2006.01)

CPC (source: EP US)

C22C 21/00 (2013.01 - EP US); **C23F 13/14** (2013.01 - EP US)

Cited by

CN104018164A; US11684893B2

Designated contracting state (EPC)

DE ES GB IT NL SE

DOCDB simple family (publication)

EP 0651075 A1 19950503; **EP 0651075 B1 19990602**; DE 69418817 D1 19990708; DE 69418817 T2 19991111; ES 2131652 T3 19990801; FR 2713244 A1 19950609; FR 2713244 B1 19960112; NO 307661 B1 20000508; NO 944110 D0 19941028; NO 944110 L 19950502; US 5547560 A 19960820

DOCDB simple family (application)

EP 94402419 A 19941027; DE 69418817 T 19941027; ES 94402419 T 19941027; FR 9312916 A 19931029; NO 944110 A 19941028; US 33111994 A 19941028