

Title (en)
CE-CONTAINING MAGNESIUM ALLOY SACRIFICIAL ANODE AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

Title (de)
CE-HALTIGE MAGNESIUMLEGIERUNGSOFFERANODE UND HERSTELLUNGSVERFAHREN DAFÜR UND ANWENDUNG DAVON

Title (fr)
ANODE SACRIFICIELLE EN ALLIAGE DE MAGNÉSIUM CONTENANT DU CE, SON PROCÉDÉ DE PRÉPARATION ET SON APPLICATION

Publication
EP 4206359 A1 20230705 (EN)

Application
EP 22871071 A 20220628

Priority

- CN 202111239884 A 20211025
- CN 2022101943 W 20220628

Abstract (en)
Provided are a Ce-containing magnesium alloy sacrificial anode, a preparation method thereof, and use thereof. The magnesium alloy sacrificial anode includes a magnesium rod body composed of a rare earth magnesium alloy material. The rare earth magnesium alloy material includes Mg and 0.0009% to 3.5% by mass of rare earth elements. The rare earth elements are cerium group rare earth elements including Ce

IPC 8 full level
C23F 13/14 (2006.01); **C22C 23/02** (2006.01)

CPC (source: CN EP)
B22C 9/22 (2013.01 - CN); **B22D 1/00** (2013.01 - EP); **B22D 21/04** (2013.01 - EP); **C22C 1/02** (2013.01 - EP); **C22C 1/03** (2013.01 - CN EP); **C22C 1/06** (2013.01 - EP); **C22C 23/02** (2013.01 - CN EP); **C23F 13/06** (2013.01 - EP); **C23F 13/10** (2013.01 - EP); **C23F 13/14** (2013.01 - CN EP); **C23F 13/16** (2013.01 - EP); **C23F 13/18** (2013.01 - EP); **F24H 9/0005** (2013.01 - CN); **C23F 2213/31** (2013.01 - EP)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4206359 A1 20230705; CN 113930777 A 20220114; CN 116180092 A 20230530; WO 2023071259 A1 20230504

DOCDB simple family (application)
EP 22871071 A 20220628; CN 202111239884 A 20211025; CN 2022101943 W 20220628; CN 202310196323 A 20211025