

Title (en)

COMPONENT HAVING A TWO-LAYERED, OXIDIC PROTECTIVE LAYER

Title (de)

BAUELEMENT MIT EINER ZWEILAGIGEN, OXIDISCHEN SCHUTZSCHICHT

Title (fr)

COMPOSANT POURVU D'UNE COUCHE DE PROTECTION OXYDÉE À DEUX COUCHES

Publication

**EP 3853935 A1 20210728 (DE)**

Application

**EP 19790421 A 20190918**

Priority

- AT 508102018 A 20180921
- AT 2019060308 W 20190918

Abstract (en)

[origin: WO2020056440A1] The invention relates to a component (6) having a metal main body (7) and protective layer (8) arranged thereon, the protective layer (8) being formed in a number of layers, at least comprising a first oxidic layer (9) and a second layer (10) forming oxides having a spinel structure, the first oxidic layer (9) being arranged closer to the metal main body (7) than the second layer (10) forming oxides having a spinel structure. The first, oxidic layer (9) contains a metal oxide of a metal of the group of the rare earths and/or a metal alloy oxide which contains at least one element from the group of rare earths.

IPC 8 full level

**H01M 8/0206** (2016.01); **H01M 8/0208** (2016.01); **H01M 8/0217** (2016.01); **H01M 8/0228** (2016.01); **H01M 8/124** (2016.01)

CPC (source: EP)

**H01M 8/0208** (2013.01); **H01M 8/0217** (2013.01); **H01M 8/0228** (2013.01); **H01M 2008/1293** (2013.01); **Y02E 60/50** (2013.01)

Citation (search report)

See references of WO 2020056440A1

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

DOCDB simple family (publication)

**WO 2020056440 A1 20200326**; AT 521011 A4 20191015; AT 521011 B1 20191015; EP 3853935 A1 20210728

DOCDB simple family (application)

**AT 2019060308 W 20190918**; AT 508102018 A 20180921; EP 19790421 A 20190918