

Title (en)
ALUMINUM ALLOY EXTRUDED MATERIAL AND METHOD FOR MANUFACTURING SAME

Title (de)
EXTRUDIERTES ALUMINIUMLEGIERUNGSMATERIAL UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
MATÉRIAU EXTRUDÉ EN ALLIAGE D'ALUMINIUM ET SON PROCÉDÉ DE FABRICATION

Publication
EP 4350021 A1 20240410 (EN)

Application
EP 22832662 A 20220526

Priority
• JP 2021106946 A 20210628
• JP 2022021574 W 20220526

Abstract (en)
Disclosed is an aluminum alloy extruded material having a composition including: Zn: 3.0 to 6.0% by mass, Mg: 0.4 to 1.4% by mass, Fe: 0.05 to 0.2% by mass, Cu: 0.05 to 0.4% by mass, Ti: 0.005 to 0.2% by mass, Zr: 0.1 to 0.3% by mass, and Cr: 0.050 to 0.160% by mass, with the balance being Al and inevitable impurities, wherein a conductivity is 40.1 to 44.3%IACS.

IPC 8 full level
C22C 21/10 (2006.01); **C22F 1/00** (2006.01); **C22F 1/053** (2006.01)

CPC (source: EP KR)
C22C 21/10 (2013.01 - EP KR); **C22F 1/00** (2013.01 - EP); **C22F 1/053** (2013.01 - EP KR)

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 4350021 A1 20240410; CN 117500950 A 20240202; JP 2023005182 A 20230118; JP 7140892 B1 20220921; KR 20240022570 A 20240220; WO 2023276504 A1 20230105

DOCDB simple family (application)
EP 22832662 A 20220526; CN 202280043632 A 20220526; JP 2021106946 A 20210628; JP 2022021574 W 20220526; KR 20247001286 A 20220526