

Title (en)

CASTING MOULD AND COPPER ANODE FOR PRODUCING HIGH-PURITY COPPER

Title (de)

GIEßFORM UND KUPFERANODE ZUR HERSTELLUNG VON HOCHREINEM KUPFER

Title (fr)

MOULE ET ANODE EN CUIVRE POUR LA PRODUCTION DE CUIVRE DE HAUTE PURETÉ

Publication

EP 4355513 A1 20240424 (DE)

Application

EP 22734276 A 20220615

Priority

- DE 102021115671 A 20210617
- EP 2022066338 W 20220615

Abstract (en)

[origin: CA3222395A1] The invention relates to a casting mould (7) for producing copper anodes (1) for producing high-purity copper, having - a first, extensive cavity (8), which is delimited by two side faces oriented parallel to one another, and - two second cavities (9) which are fluidically connected to the first cavity, are arranged on a peripheral side of the first cavity (8) at different corners and extend laterally outwardly away from the first cavity (9), characterized in that - a core (20) is provided centrally in each of the second cavities (9), said core (20) subdividing each second cavity (9) at least partially to form a circumferentially closed ring shape.

IPC 8 full level

B22C 9/06 (2006.01); **C25C 1/12** (2006.01); **C25C 7/02** (2006.01)

CPC (source: EP KR)

B22C 9/06 (2013.01 - EP KR); **B22C 9/103** (2013.01 - EP KR); **B22C 9/22** (2013.01 - EP KR); **B22D 25/00** (2013.01 - EP KR); **C25C 1/12** (2013.01 - EP KR); **C25C 7/02** (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)

DE 102021115671 B3 20220127; AU 2022295073 A1 20231207; BR 112023026462 A2 20240305; CA 3222395 A1 20221222; EP 4355513 A1 20240424; JP 2024521488 A 20240531; KR 20240031311 A 20240307; PE 20240431 A1 20240307; WO 2022263526 A1 20221222

DOCDB simple family (application)

DE 102021115671 A 20210617; AU 2022295073 A 20220615; BR 112023026462 A 20220615; CA 3222395 A 20220615; EP 2022066338 W 20220615; EP 22734276 A 20220615; JP 2023577426 A 20220615; KR 20247001025 A 20220615; PE 2023003350 A 20220615