

Title (en)

EQUIPMENT FOR DECOPPERISING AN ELECTROREFINING PROCESS AND WAY OF OPERATING THE PROCESS

Title (de)

AUSRÜSTUNG ZUR ENTKUPFERUNG EINES ELEKTORAFFINATIONSVERFAHRENS UND VERFAHREN ZUM BETRIEB DES VERFAHRENS

Title (fr)

ÉQUIPEMENT POUR DÉCUIVRER UN PROCÉDÉ D'ÉLECTORAFFINAGE ET PROCÉDÉ DE FONCTIONNEMENT DU PROCÉDÉ

Publication

EP 3452640 B1 20200325 (EN)

Application

EP 17723479 A 20170504

Priority

- GB 201607716 A 20160504
- GB 2017051248 W 20170504

Abstract (en)

[origin: WO2017191458A1] The invention relates to an electrorefining cell and its use in a method of electrorefining of copper. The cell comprises: one or more electrorefining anodes comprising impure copper; one or more cathodes; an electrolyte containing copper sulfate and sulfuric acid; one or more electrowinning anodes; and one or more point-of-use power converters configured to supply current to the or each electrowinning anode whereby to control the copper concentration of the electrolyte when said cell is in use.

IPC 8 full level

C25C 1/12 (2006.01); **C25C 7/00** (2006.01); **C25C 7/02** (2006.01); **C25C 7/06** (2006.01)

CPC (source: EP)

C25C 1/12 (2013.01); **C25C 7/00** (2013.01); **C25C 7/02** (2013.01); **C25C 7/06** (2013.01)

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

DOCDB simple family (publication)

WO 2017191458 A1 20171109; EP 3452640 A1 20190313; EP 3452640 B1 20200325; GB 201607716 D0 20160615

DOCDB simple family (application)

GB 2017051248 W 20170504; EP 17723479 A 20170504; GB 201607716 A 20160504