

Title (en)

METHOD FOR EXTRACTING GOLD AND/OR SILVER AND/OR AT LEAST ONE PLATINUM METAL

Title (de)

VERFAHREN ZUR GEWINNUNG VON GOLD UND/ODER SILBER UND/ODER MINDESTENS EINEM PLATINMETALL

Title (fr)

PROCÉDÉ POUR L'OBTENTION D'OR ET/OU D'ARGENT ET/OU D'AU MOINS UN MÉTAL DU GROUPE DU PLATINE

Publication

**EP 3931363 A1 20220105 (DE)**

Application

**EP 19724374 A 20190507**

Priority

- DE 102019202779 A 20190301
- EP 2019061672 W 20190507

Abstract (en)

[origin: WO2020177880A1] The invention relates to a method for extracting gold and/or silver and/or at least one platinum metal. At least one starting material (10) which contains gold, silver and/or platinum metal is introduced into an aqueous solution (20) that contains at least one nitrile. Hydroxyl radicals are produced in the aqueous solution.

IPC 8 full level

**C22B 3/16** (2006.01); **C22B 3/00** (2006.01); **C22B 11/08** (2006.01)

CPC (source: EP US)

**C22B 3/16** (2013.01 - EP); **C22B 7/006** (2013.01 - US); **C22B 11/04** (2013.01 - EP US); **C22B 11/042** (2013.01 - EP); **C22B 11/08** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP)

Citation (search report)

See references of WO 2020177880A1

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)

**DE 102019202779 A1 20200903**; CN 113454247 A 20210928; CN 113454247 B 20230203; EP 3931363 A1 20220105; US 2022074021 A1 20220310; WO 2020177880 A1 20200910

DOCDB simple family (application)

**DE 102019202779 A 20190301**; CN 201980093359 A 20190507; EP 19724374 A 20190507; EP 2019061672 W 20190507; US 201917423255 A 20190507