

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 D'EXTRACTION D'OR ET/OU D'ARGENT ET/OU D'AU MOINS UN MÉTAL DU PLATINE

Publication

**EP 4192986 A1 20230614 (DE)**

Application

**EP 21754726 A 20210721**

Priority

- DE 102020209882 A 20200805
- EP 2021070422 W 20210721

Abstract (en)

[origin: WO2022028898A1] The invention relates to a method for extracting gold and/or silver and/or at least one platinum metal. At least one starting material, which contains gold and/or silver and/or at least one platinum metal, is introduced into an aqueous solution that contains at least one nitrile. Ozone is introduced into the solution in at least two introduction phases (51, 52, 53). No ozone is introduced into the solution between the introduction phases (51, 52, 53).

IPC 8 full level

**C22B 1/00** (2006.01); **C22B 3/06** (2006.01); **C22B 3/16** (2006.01); **C22B 3/26** (2006.01); **C22B 11/00** (2006.01); **C22B 11/08** (2006.01)

CPC (source: EP)

**C22B 1/00** (2013.01); **C22B 3/06** (2013.01); **C22B 3/16** (2013.01); **C22B 3/26** (2021.05); **C22B 11/04** (2013.01); **C22B 11/08** (2013.01);  
**Y02P 10/20** (2015.11)

Citation (search report)

See references of WO 2022028898A1

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 102020209882 A1 20220210**; CN 116057190 A 20230502; EP 4192986 A1 20230614; WO 2022028898 A1 20220210

DOCDB simple family (application)

**DE 102020209882 A 20200805**; CN 202180057957 A 20210721; EP 2021070422 W 20210721; EP 21754726 A 20210721