

Title (en)

WET BASED FORMULATIONS FOR THE SELECTIVE REMOVAL OF NOBLE METALS

Title (de)

NÄSSEBASIERTE FORMULIERUNGEN ZUR SELEKTIVEN ENTFERNUNG VON EDELMETALLEN

Title (fr)

FORMULATIONS À BASE HUMIDE POUR L'ÉLIMINATION SÉLECTIVE DE MÉTAUX NOBLES

Publication

**EP 3110982 A4 20171122 (EN)**

Application

**EP 15755407 A 20150223**

Priority

- US 201461944366 P 20140225
- US 2015017088 W 20150223

Abstract (en)

[origin: WO2015130607A1] Compositions and processes for leaching noble metals from materials comprising said noble metals. Advantageously, the halide-based composition is environmentally friendly and effectively removes noble metals at room temperature without the need for high pressures and electrodes.

IPC 8 full level

**C22B 3/04** (2006.01); **C22B 3/06** (2006.01)

CPC (source: EP KR US)

**C22B 3/065** (2013.01 - EP US); **C22B 3/08** (2013.01 - EP US); **C22B 3/22** (2013.01 - EP US); **C22B 3/44** (2013.01 - EP KR US); **C22B 11/04** (2013.01 - EP US); **C22B 11/042** (2013.01 - EP KR US); **C23F 1/30** (2013.01 - EP KR US); **C25C 1/20** (2013.01 - EP US); **Y02P 10/20** (2015.11 - EP KR US)

Citation (search report)

- [XII] WO 2011156861 A1 20111222 - UNIV QUEENSLAND [AU], et al
- [XI] US 4668289 A 19870526 - LANGER STANLEY H [US], et al
- [X] CN 103388080 A 20131113 - CNOOC TAIYUAN PRECIOUS METALS CO LTD
- [XII] ANGELIDIS ET AL: "Preliminary studies of platinum dissolution from a spent industrial catalyst", APPLIED CATALYSIS A: GENERAL, ELSEVIER, AMSTERDAM, NL, vol. 142, no. 2, 15 August 1996 (1996-08-15), pages 387 - 395, XP022263621, ISSN: 0926-860X, DOI: 10.1016/0926-860X(96)00088-9
- See references of WO 2015130607A1

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DOCDB simple family (publication)

**WO 2015130607 A1 20150903**; CA 2943992 A1 20150903; CN 106661663 A 20170510; EP 3110982 A1 20170104; EP 3110982 A4 20171122; KR 20160127088 A 20161102; TW 201602357 A 20160116; US 2016362804 A1 20161215

DOCDB simple family (application)

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