

Title (en)

TREATMENT PROCESS OF A PURGE SOLUTION, PARTICULARLY USED IN THE ELECTROLYTICAL WINNING OF ZINC

Publication

**EP 0127492 B1 19880727 (FR)**

Application

**EP 84400765 A 19840418**

Priority

FR 8306805 A 19830425

Abstract (en)

[origin: US4557908A] The invention relates to the treatment of purge solutions formed in the process of the extraction of zinc by electrolysis. According to the invention, the purge solution, which consists of a part of the purified solution rich in zinc sulfate, is subjected to electrodialysis in the presence of an anion exchange membrane so that a catholyte is formed which is depleted in zinc and in sulfate and which contains magnesium. The catholyte can then be precipitated by neutralization, after recovery of the remaining zinc. Application to the extraction of zinc from its ores.

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR US)

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**US 4557908 A 19851210**; AT E36012 T1 19880815; AU 2667884 A 19851031; AU 576755 B2 19880908; BR 8401891 A 19841204; CA 1236792 A 19880517; DE 3472982 D1 19880901; EP 0127492 A1 19841205; EP 0127492 B1 19880727; ES 531886 A0 19841216; ES 8502170 A1 19841216; FI 76839 B 19880831; FI 76839 C 19881212; FI 841551 A0 19840418; FI 841551 A 19841026; FR 2544750 A1 19841026; FR 2544750 B1 19880916; KR 850000048 A 19850225; KR 910005837 B1 19910805; NO 841618 L 19841026; ZA 842847 B 19850327

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