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Sandoval et al.

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(54) **ACID MIST SUPPRESSION IN COPPER ELECTROWINNING**

(71) Applicant: **FREEPORT MINERALS CORPORATION**, Phoenix, AZ (US)

(72) Inventors: **Scot Philip Sandoval**, Tucson, AZ (US); **Stanberg Lee Tallman**, Phoenix, AZ (US); **William Duane Sanders**, Morenci, AZ (US); **Ephrem Lemlem Gebrehiwot**, Vail, AZ (US); **Aron Tyab**, Thatcher, AZ (US)

(73) Assignee: **FREEPORT MINERALS CORPORATION**, Phoenix, AZ (US)

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(58) **Field of Classification Search**

CPC C25C 1/12; C25C 7/06

See application file for complete search history.

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Primary Examiner — Zulmariam Mendez

(74) *Attorney, Agent, or Firm* — SNELL & WILMER L.L.P.

(57) **ABSTRACT**

A method of acid mist suppression in copper electrowinning is described. In various embodiments, at least one liquid licorice root extract, powdered licorice root extract, or reconstituted licorice extract is added in an amount sufficient to the acidic electrolyte solution of the copper electrowinning process to suppress acid mist from the acidic electrolyte solution during the copper electrowinning process. In various embodiments, combinations of licorice extract and surfactant show synergies in acid mist suppression during copper electrowinning.

21 Claims, 3 Drawing Sheets

