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(54) **SYSTEM AND METHOD FOR PRODUCING METAL POWDER BY ELECTROWINNING**

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See application file for complete search history.

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(57) **ABSTRACT**

This invention relates to a system and method for producing a metal powder product using either conventional electrowinning or alternative anode reaction chemistries in a flow-through electrowinning cell. The present invention enables the production of high quality metal powders, including copper powder, from metal-containing solutions using conventional electrowinning processes, direct electrowinning, or alternative anode reaction chemistries.

18 Claims, 2 Drawing Sheets