

Title (en)  
PROCESS FOR SHUTTING DOWN AND RESTARTING AN ELECTROLYTIC REFINING PLANT

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Application  
**EP 87420172 A 19870622**

Priority  
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Abstract (en)  
[origin: US4746409A] The present invention concerns a process for stopping for a prolonged period and restarting a series of tanks for the electrolytic refining of copper. The process comprises preparing for the stoppage by reducing the proportion of Cu<sup>2+</sup> ions in the electrolyte, controlling the additive agents, regulating the level of the electrolyte, and slow crystallization of CuSO<sub>4</sub> in the form of very fine crystals. Subsequent restarting comprises restoration of the circulation of the electrolyte with progressive heating, a progressive increase in the electrolysis current strength, and resumption of the addition of additives. Use of the invention makes it possible to obtain deposits of refined copper of commercial quality as from the first electrolysis cycle.

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