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(54) Title: PROCESS FOR THE RECOVERY OF LITHIUM

(57) Abstract: The present invention relates to a process for the concentration of lithium in metallurgical fumes wherein a metallurgical charge is smelted, thus obtaining a molten bath comprising a slag phase and optionally an alloy phase and fuming the lithium from the molten slag, by addition of a halogen intermediate, wherein the halogen intermediate is produced from the Li halide fumed from the molten slag. The halide is thus efficiently re-used in the process, while the lithium is recovered and isolated.



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