

Title (en)

METHOD FOR RECYCLING LITHIUM BATTERIES

Title (de)

VERFAHREN ZUM VERWERTEN VON LITHIUM-BATTERIEN

Title (fr)

PROCÉDÉ DE RECYCLAGE DE BATTERIES AU LITHIUM

Publication

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Application

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Abstract (en)

[origin: WO2021018372A1] The invention relates to a method for recycling lithium batteries, comprising the steps of: (a) breaking down a ground material (10), containing ground components of electrodes of lithium batteries, with concentrated sulphuric acid (12) at a breakdown temperature (TA) of at least 100°C, in particular at least 140°C, so that off-gas (14) and a breakdown material (16) are produced; (b) discharging the off-gas (14); and (c) wet-chemically extracting at least one metal component of the breakdown material (16).

IPC 8 full level

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