

Title (en)

PROCESS FOR OBTAINING VERY HIGH PURITY ALUMINIUM IN ENTECTIC ELEMENTS

Publication

EP 0090750 B1 19860820 (FR)

Application

EP 83420054 A 19830324

Priority

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Abstract (en)

[origin: US4444585A] The present invention relates to a process of segregation for producing metals such as aluminum in a very high state of purity in respect of eutectic elements. The process comprises adding to a metal which is already very pure, at least one eutectic element, in a hypoeutectic amount, to ensure efficiency of the segregation operation. The added element or elements must be capable of being easily eliminated in the segregation operation, and it must not create difficulties in regard to the use envisaged for the metal. This process can be used in particular for the production, with a suitable yield, of aluminum containing less than 10 ppm of iron and silicon, and intended in particular for the manufacture of high and medium voltage capacitors.

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