

Title (en)

METHOD FOR TEMPERING AN ALUMINUM ALLOY

Title (de)

VERFAHREN ZUM TEMPERN EINER ALUMINIUMLEGIERUNG

Title (fr)

PROCÉDÉ DE TREMPÉ D'UN ALLIAGE D'ALUMINIUM

Publication

EP 2294238 A2 20110316 (EN)

Application

EP 09770514 A 20090615

Priority

- US 2009003566 W 20090615
- US 13320708 P 20080626
- US 38796609 A 20090508

Abstract (en)

[origin: WO2009157975A2] A process from tempering large aluminum lithium alloy component parts to achieve high strength capability and resistance to stress corrosion cracking without the need for the prior art step of cold working the alloy components parts. The process achieves the desired material properties by the use of two novel soaking time periods and the use of novel controlled temperature selection at the two respective soaking times as well as carefully controlling the temperature decrease from one soaking time period to the other.

IPC 8 full level

C22F 1/04 (2006.01)

CPC (source: EP US)

C22C 21/00 (2013.01 - EP US); **C22F 1/04** (2013.01 - EP US)

Citation (search report)

See references of WO 2009157975A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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