

Title (en)
ALUMINUM ALLOY MATERIAL AND METHOD FOR MANUFACTURING ALUMINUM ALLOY MATERIAL

Title (de)
ALUMINIUMLEGIERUNGSMATERIAL UND VERFAHREN ZUR HERSTELLUNG VON ALUMINIUMLEGIERUNGSMATERIAL

Title (fr)
MATÉRIAUX D'ALLIAGE D'ALUMINIUM ET PROCÉDÉ DE FABRICATION D'UN MATÉRIAUX D'ALLIAGE D'ALUMINIUM

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Application
EP 19830522 A 20190610

Priority
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• JP 2019022865 W 20190610

Abstract (en)
An aluminum alloy material has a composition containing 3% by mass or more and 10% by mass or less of Fe and the balance of Al and incidental impurities, and a structure including a matrix and a compound. The matrix is composed mainly of Al, the compound contains Al and Fe, and a relative density is 85% or more. In any cross section, the matrix has an average crystal grain size of 1,100 nm or less, and the compound has an average major-axis length of 100 nm or less.

IPC 8 full level
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