

Title (en)

TIAL ALLOY FOR FORGING, TIAL ALLOY MATERIAL, AND METHOD FOR PRODUCING TIAL ALLOY MATERIAL

Title (de)

TIAL-LEGIERUNG ZUM SCHMIEDEN, TIAL-LEGIERUNGSMATERIAL SOWIE VERFAHREN ZUR HERSTELLUNG VON TIAL-LEGIERUNGSMATERIAL

Title (fr)

ALLIAGE TIAL POUR FORGEAGE, MATÉRIAU À BASE D'ALLIAGE TIAL ET PROCÉDÉ DE PRODUCTION D'UN MATÉRIAU D'ALLIAGE TIAL

Publication

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Application

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Abstract (en)

[origin: WO2022219991A1] Provided is a TiAl alloy for forging that makes it possible to obtain a TiAl alloy material having excellent oxidation resistance and high-temperature creep strength, and that has excellent hot forgeability and can be die forged. The TiAl alloy for forging comprises 42.0-43.6 at% of Al, 0.5-2.0 at% of Cu, 3.0-7.0 at% of Nb, and a remainder of Ti and unavoidable impurities.

IPC 8 full level

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