

Title (en)
METHOD OF MAKING A MOLYBDENUM ALLOY HAVING A HIGH TITANIUM CONTENT

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER MOLYBDÄNLEGIERUNG MIT HOHEM TITANGEHALT

Title (fr)
PROCÉDÉ DE FABRICATION D'UN ALLIAGE DE MOLYBDÈNE À HAUTE TENEUR EN TITANE

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Abstract (en)
The present invention relates to method of making a molybdenum alloy which has a high titanium content and further comprises silicon and/or boron. The method comprises subjecting to pressureless sintering or sintering under pressure in an inert gas atmosphere a mixture of one or more powders (i) of an alloy of Mo and Ti and, optionally, one or more additional metals X and/or (i') powders of Mo and of TiN, and (ii) one or more powders comprising one or more powders of silicides of Mo and/or Ti and/or (iii) one or more powders of nitrides which comprise Si 3 N 4 powder and/or BN powder.

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Citation (applicant)
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