

Title (en)

CHANGING SYSTEM FOR A TUNDISH UNIT, TUNDISH UNIT FOR A CHANGING SYSTEM, ATOMIZATION INSTALLATION AND METHOD FOR ATOMIZING METAL MELT

Title (de)

WECHSELSYSTEM FÜR EINE TUNDISH-EINHEIT, TUNDISH-EINHEIT FÜR EIN WECHSELSYSTEM, VERDÜSUNGSANLAGE SOWIE VERFAHREN ZUM VERDÜSEN VON METALLSCHMELZE

Title (fr)

SYSTÈME DE CHANGEMENT POUR ENSEMBLE PANIER DE COULÉE, ENSEMBLE PANIER DE COULÉE POUR SYSTÈME DE CHANGEMENT, INSTALLATION D'ATOMISATION ET PROCÉDÉ D'ATOMISATION DE MÉTAL EN FUSION

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Application

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Abstract (en)

[origin: WO2023012207A1] The invention relates to a changing system (2) for a tundish unit (7) of an atomization installation (1) for atomizing metallic melts, more particularly for powder metallurgy purposes, comprising: - at least one chamber (18) for holding at least one first tundish unit (7) in a working position, the chamber (18) having at least one connection to a feeding device and at least one connection to an atomization tower (3) or to an atomization shaft; - means for providing at least one second tundish unit (7) in a stand-by position within the changing system (2); - at least one changing station (22) for the holding and/or insertion and/or removal of at least one third tundish unit (7), the changing station being in the form of a lock chamber; and - a sliding system, which is designed such that the insertion and/or removal of at least one tundish unit (7) can be carried out while a tundish unit (7) is in the working position. The invention also relates to a tundish unit (7), an atomization installation (1) and a method for atomizing metal melt.

IPC 8 full level

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