

Process for producing a target by thermal spraying

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Abstract

Process for producing a target by thermal spraying, especially by plasma spraying, said target comprising at least one compound chosen from refractory metals, resistive oxides and volatile oxides, characterized in that at least one fraction of said compound in the form of a powder composition of said compound is sprayed by thermal spraying, onto at least one surface portion of the target, in a controlled atmosphere and in that powerful cryogenic cooling jets directed onto the target during its construction are used.