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(54) Title: COATING PROCESS FOR MANUFACTURE OR REPROCESSING OF SPUTTER TARGETS AND X-RAY ANODES

(57) Abstract: Disclosed is a process for the reprocessing or production of a sputter target or an X-ray anode wherein a gas flow forms a gas/powder mixture with a powder of a material chosen from the group consisting of niobium, tantalum, tungsten, molybdenum, titanium, zirconium, mixtures of two or more thereof and alloys thereof with at least two thereof or with other metals, the powder has a particle size of 0.5 to 150 µm, wherein a supersonic speed is imparted to the gas flow and the jet of supersonic speed is directed on to the surface of the object to be reprocessed or produced.



WO 2006/117145 A3