

Abstract

Provide a method and apparatus for producing, in an economical manner, metal powder offering high purity and comprising uniform particle shape and size. Produce metal powder of titanium metal, etc., using an apparatus that comprises a power supply for high-voltage/current discharge, a feeder of metal electrode made of titanium metal, etc., a high-voltage discharge generator equipped with a metal electrode made of titanium, etc., and its counter electrode, a water tank, a water inlet, an outlet for produced metal dispersion solution containing titanium metal, etc., a discharge pump, and an adjunct device for separating/recovering metal powder of titanium metal, etc., from the metal dispersion solution containing titanium metal, etc.

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