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The invention relates to the nanostructured material production technology, in particular to a process for producing molybdenum oxide nanostructures.

The process for producing MoO₃ nanostructures includes the degreasing of a molybdenum rod, its introduction into a quartz reactor, closed on one side and preheated to a temperature to a temperature of 670...950°C, introduction into the reactor through the quartz tube of distilled water vapors. Nanostructures begin to precipitate on the inner surface of the reactor, to its output, after 10...15 min of maintenance in this zone of the temperature of 420°C.

Claims: 1

Fig.: 4