

Title (en)

METHOD FOR PRODUCING FINE, LOW BULK DENSITY, METALLIC NICKEL POWDER

Title (de)

VERFAHREN ZUR HERSTELLUNG VON FEINEM NICKELMETALLPULVER MIT GERINGER SCHÜTTDICHT

Title (fr)

PROCEDE DE FABRICATION DE POUDRE DE NICKEL METALLIQUE A FAIBLE DENSITE APPARENTE ET FINE

Publication

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Application

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Abstract (en)

[origin: WO2006053418A1] A method of producing a fine, low bulk density nickel powder, comprising a) charging particles of at least one reducible nickel salt within a furnace so as to form a moving bed of furnace charge, and b) reducing the furnace charge with a H₂ containing gas at a temperature ranging from about 300°C to about 500°C, the bed of furnace charge being moved gently so as to minimise formation of hard agglomerates and obtaining a fine, low bulk density nickel powder. A similar method, wherein the furnace charge is static and contained within a shallow bed.

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