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(74) Agents: NAKAJIMA, Jun et al.; TAIYO, NAKAJIMA & KATO, Seventh Floor, HK-Shinjuku Bldg, 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo, 1600022 (JP).

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(71) Applicant (for all designated States except US): MITSUBISHI STEEL MFG. CO., LTD. [JP/JP]; 2-22, Harumi 3-chome, Chuo-ku, Tokyo, 1048550 (JP).

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(72) Inventors; and

(75) Inventors/Applicants (for US only): UNOKI, Kenichi [JP/JP]; c/o MITSUBISHI STEEL MFG. CO., LTD., 1, Hiraidekogyodanchi, Utsunomiya-shi, Tochigi, 3210905 (JP). NAGAI, Kenichi [JP/JP]; c/o MITSUBISHI STEEL MFG. CO., LTD., 1, Hiraidekogyodanchi, Utsunomiya-shi, Tochigi, 3210905 (JP). YAMASAKI, Shoichi [JP/JP]; c/o MITSUBISHI STEEL MFG. CO., LTD., 1, Hiraidekogyodanchi, Utsunomiya-shi, Tochigi, 3210905 (JP). SODA, Yuji [JP/JP]; c/o MITSUBISHI STEEL MFG. CO., LTD., 1, Hiraidekogyodanchi, Utsunomiya-shi, Tochigi, 3210905 (JP).

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(54) Title: METHOD FOR MANUFACTURING OF INSULATED SOFT MAGNETIC METAL POWDER FORMED BODY

(57) Abstract: A method for manufacturing bodies formed from insulated soft magnetic metal powder by forming an insulating film of an inorganic substance on the surface of particles of a soft magnetic metal powder, compacting and molding the powder, then carrying out a heat treatment to provide a body formed from insulated soft magnetic metal powder the method comprising: compacting and molding the powder; then magnetically annealing the powder at a high temperature above the Curie temperature for the soft magnetic metal powder and below the threshold temperature at which the insulating film is destroyed in a non-oxidizing atmosphere, such as a vacuum, inert gas, or the like; and then carrying out a further heat treatment at a temperature of from 400 deg C to 700 deg C in an oxidizing atmosphere, such as air, or the like.



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