

ABSTRACT

By arranging such that the crystal fractures of alloy raw meal powder having crystal orientational relationship with one another get combined in the magnetic field, there is provided a molding apparatus which is capable of molding a molded body having an extremely high orientation. The molding apparatus (1) of this invention has: a cavity (22) for filling therein a powder that is polarized in magnetic field or electric field; means (4) for generating magnetic field or electric field capable of charging the powder filled in the cavity with the magnetic field or electric field; an agitating means (54) for agitating the powder in a state of being charged with the magnetic field or the electric field, thereby orienting the powder; and a pressurizing means (31, 32) for applying a compression force in the magnetic field or electric field to the agitated and oriented product.