

ABSTRACT

Provided is a maraging steel powder from which it is possible to obtain, while reducing Co as much as possible, an additively fabricated article having excellent thermal fatigue life characteristics and exhibiting little deformation after being shaped. Provided are: a maraging steel powder for additive fabrication comprising, in mass%, no more than 0.02% C, 0.1-0.3% Si, 16-20% Ni, no more than 0.1% Co, 2.7-3.5% Mo, 1.5-2.5% Ti, and no more than 0.01% Al, the remaining portion being Fe and unavoidable impurities; and a maraging steel additively fabricated article comprising no more than 0.02% C, 0.1-0.3% Si, 16-20% Ni, no more than 0.1% Co, 2.7-3.5% Mo, 1.5-2.5% Ti, and no more than 0.01% Al, the remaining portion being Fe and unavoidable impurities.

FIG. 1