

ABSTRACT

An objective of the invention to provide an alloy
article that exhibits even better mechanical properties
5 and/or even higher corrosion resistance than conventional
high entropy articles without sacrificing the attractive
properties thereof, a product formed of the alloy article,
and a fluid machine having the product. An alloy article
according to the invention has a predetermined chemical
1 composition comprising: Co, Cr, Fe, Ni and Ti, each within
0 a range of 5 atomic % or more and 35 atomic % or less; Mo
within a range of more than 0 atomic % and less than 8
atomic %; an element with a larger atomic radius than the
atomic radiuses of Co, Cr, Fe and Ni within a range of more
than 0 atomic % and 4 atomic % or less; and a balance of
1
5 inevitable impurities.

(FIG. 6)