

ABSTRACT

MAGNETIC THIN FILM AND APPLICATION DEVICE INCLUDING MAGNETIC THIN FILM

The problem of the invention is to provide a magnetic thin film having a high magnetic anisotropy constant K_u and a high coercive force H_c , and to provide an application device comprising the above magnetic thin film. The magnetic thin film of the present invention includes an ordered alloy including: at least one first element selected from the group consisting of Fe and Ni; at least one second element selected from the group consisting of Pt, Pd, Au and Ir; and Sc.

(Figure 1)