

**A METHOD AND A DEVICE FOR LOCALLY ALTERING THE
MAGNETIZATION DIRECTION IN A BODY OF MAGNETIC MATERIAL**

ABSTRACT

A device and method for controllably locally altering the magnetisation direction in a body of magnetic material, whereby a layer of non-metallic material is disposed on a surface of the body, on which layer is provided a body of magnetic material having a fixed magnetisation direction, whereby both bodies of magnetic material are magnetically coupled across the interposed non-metallic layer, the nature of this magnetic coupling being locally alterable by means of locally subjecting the layer of non-metallic material to a controllable electric field.

FIGURE 1