

TUNING OF A KINEMATIC RELATIONSHIP BETWEEN MEMBERS

ABSTRACT

Described herein is a device comprising members in a kinematic relationship. The kinematic relationship is at least partially governed by at least one magnetically induced force that introduces a force threshold that, in effect, provides a threshold to part movement and confers a degree of hysteresis, preventing movement until a sufficiently large energising force is applied. The effect may be further altered by use of an additional magnetically induced force interaction with at least one further member to urge or slow movement once started and/or to prevent movement once a new position is reached.

FIGURE 1