

Title (en)

MAGNETIC SUSPENSION DEVICE WITH MECHANICAL STABILIZATION, ESPECIALLY FOR MODELS, TOYS OR DESIGN OBJECTS

Title (de)

MAGNETISCHE SCHWEBEVORRICHTUNG MIT MECHANISCHER STABILISIERUNG, INSBESONDERE FÜR MODELLE, SPIELZEUG, ODER DESIGN-OBJEKTE

Title (fr)

DISPOSITIF FLOTTANT MAGNETIQUE A STABILISATION MECANIQUE, NOTAMMENT POUR MAQUETTES, JOUETS OU OBJETS DESIGN

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Application

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Abstract (en)

[origin: DE19729398A1] The invention relates to a magnetic suspension device with mechanical stabilization, for use especially with models, toys or design objects. The aim of the invention is to provide a simple and economical device which allows for an object to be suspended at a relatively great height in a permanent and stationary manner and without apparent support. To this end the weight (4) of an object (1) is overcome by uncontrolled magnetic repulsion (5) and the position of the suspended object (1) is stabilized by means of mechanical tensile forces (6) which are transmitted from the suspended object (1) downwards to the lower body (2) by, for example, thin thread (7). This invention allows for the magnetic suspension of, for example, model airplanes or design objects.

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