

Title (en)

GENERATOR FOR TRANSFORMING A TRANSLATIONAL MOVEMENT OF A BODY INTO AN ACCUMULATION OF ELECTRIC CHARGES

Title (de)

GENERATOR ZUR UMWANDLUNG EINER TRANSLATORISCHEN BEWEGUNG EINES KÖRPERS IN EINE ANSAMMLUNG ELEKTRISCHER LADUNGEN

Title (fr)

GÉNÉRATEUR POUR TRANSFORMER UN MOUVEMENT DE TRANSLATION D'UN CORPS EN UNE ACCUMULATION DE CHARGES ÉLECTRIQUES

Publication

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Application

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Abstract (en)

[origin: WO2018060568A1] The invention relates to a generator (1) for transforming a translational movement of a push element (5) into an accumulation of electric charges, comprising a converter (2) capable of transforming a magnetic field variation into a charge accumulation; a magnetic field source (3) defining a housing (4) in which a magnetic field prevails; the push element (5) being movable from a first position to a second position along a translational direction. According to a first aspect, the invention comprises a transmission device for transmitting the movement of the push element (5) into a rotational movement of the field source (3) or of the converter (2) in order to vary the magnetic field in the reference plane of the converter. According to another aspect, the invention involves moving the push element from a first position in which the converter (2) is subject to a first field configuration, to a second position in which the converter (2) is subject to a second field configuration, different from the first.

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