

Title (en)

ACCELERATION APPARATUS WITH TWO ENERGY STORES

Title (de)

BESCHLEUNIGUNGSVORRICHTUNG MIT ZWEI ENERGIESPEICHERN

Title (fr)

DISPOSITIF D'ACCÉLÉRATION COMPORTANT DEUX ACCUMULATEURS D'ÉNERGIE

Publication

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Application

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Abstract (en)

[origin: WO2009132626A1] The invention relates to an acceleration apparatus with a tang element guided in a housing, said tang can be conveyed by an energy store discharging from an initial energy value to a residual energy value, from a friction-locked and/or positively locked, park position into an end position, and to a combined deceleration- and acceleration apparatus with one such acceleration apparatus. Herein the acceleration apparatus comprises a guide apparatus with a second energy store which is charged to an initial energy value when the tang element is in the park position. The guide apparatus comprises a guide element for positive guidance of the first-named energy store. After release of the tang element from the park position, the second energy store discharged from the initial energy value to a residual energy value controls the rate of energy change of the first-named energy store by means of the guide element, at least during a partial interval of the discharge time interval of the first-named energy store. With the present invention an acceleration apparatus and a combined deceleration- and acceleration apparatus is developed with an energy store, wherein at least the dynamic properties of the acceleration apparatus can be influenced.

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