

Title (en)

DRAWING-IN DEVICE FOR OBJECTS WITH HIGH INERTIA

Title (de)

EINZUGSVORRICHTUNG FÜR OBJEKTE MIT GROSSER MASSENTRÄGHEIT

Title (fr)

DISPOSITIF D'ALIMENTATION D'OBJETS À GRANDE INERTIE

Publication

**EP 3478916 B1 20210407 (DE)**

Application

**EP 17748380 A 20170628**

Priority

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Abstract (en)

[origin: WO2018001403A1] The invention relates to a drawing-in device having a housing in which a driving element can be guided by means of two bearing elements along at least a first guideway portion and a second guideway portion enclosing an obtuse angle with the first, between a stable parking position and an end position, wherein the driving element has a third bearing element which forms a pivoting prismatic joint with a driving element guide part which can be guided in the direction of the second guideway portion and which is loaded in the direction of the end position by means of a spring energy accumulator. The driving element guide part has at least one stop which projects beyond the first bearing element on the side facing away from the second guideway portion. In addition, the pivoting prismatic joint has a sliding direction which encloses an acute angle with the direction of the first guideway portion, wherein the apex of said angle is situated with respect to the bearing journals on the side facing away from the second guideway portion. A drawing-in device which is operationally reliable under high inertia is developed by means of the present invention.

IPC 8 full level

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CPC (source: EP)

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