

Title (en)
MECHANICAL ENERGY STORAGE DEVICE FOR A TURNING SASH

Title (de)
MECHANISCHE ENERGIESPEICHERVORRICHTUNG FÜR EINEN DREHFLÜGEL

Title (fr)
DISPOSITIF MÉCANIQUE DE STOCKAGE D'ÉNERGIE POUR UN VANTAIL ROTATIF

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Application
EP 14806207 A 20141120

Priority

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Abstract (en)
[origin: WO2015086282A1] The invention relates to a mechanical energy storage apparatus (10) for a rotating sash, a door, or the like, in order to drive the sash in the opening and/or closing direction, comprising: a spring (16) and a locking device (25) which interacts with the spring (16) and can be engaged and disengaged and which, in the engaged position, keeps the spring (16) preloaded, such that the sash can be driven only under the action of a motor and/or can be actuated by hand, and which, in the disengaged position, releases the spring (16), such that the sash opens or closes under the action of the spring (16), wherein a plurality of webs (12) form a channel (13) in which the spring (16) is guided, wherein the webs (12) are curved outward in order to release the spring (16) by means of the locking device (25), and the locking device (25) has a blocking device (20) which, in the engaged position of the locking device (25), blocks the webs (12) and prevents the webs (12) from bending outward and which, in the disengaged position of the locking device (25), releases the webs (12) and permits the webs (12) to bend outward.

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