

Title (en)  
ENERGY STORE

Title (de)  
KRAFTSPEICHER

Title (fr)  
ACCUMULATEUR DE FORCE

Publication  
**EP 1891653 A1 20080227 (DE)**

Application  
**EP 06753459 A 20060429**

Priority  
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Abstract (en)  
[origin: US2009288934A1] The invention relates to an energy store for a load tap changer with a longitudinally movable lifting carriage and an also longitudinally movable snap-action carriage which follows the movement of the lifting carriage after being triggered and whose longitudinal movement is converted into a rotary movement of an output shaft that actuates the load tap changer. In order to do so, two rolls which are guided in an especially geometrically designed guide rail are disposed on the snap-action carriage. Only one of the two rolls is positively guided in the guide rail during the first part of each movement of the snap-action carriage while the other roll can be moved freely. The second roll that could previously be moved freely is then positively guided during the second part of the movement while the roll which was previously guided can be moved freely. The roll which was initially guided is positively guided once again during the third part of the movement.

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See references of WO 2006133767A1

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