

Title (en)
LOCKING DRIVE

Title (de)
VERRIEGELUNGSANTRIEB

Title (fr)
ENTRAÎNEMENT DE VERROUILLAGE

Publication
EP 3575517 B1 20201028 (DE)

Application
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Abstract (en)
[origin: CN110541615A] The invention relates to a locking driving device for locking/unlocking a window, a door, or the like. The locking driving device comprises a mechanical driving unit; a locking energy storage device; an unlocking energy storage device; and a control device. The control device can operate the mechanical driving unit and triggers a corresponding pre-loaded energy storage device to remove the load so that when the mechanical driving unit stops, the energy stored in the preloaded locking energy storage device is used to lock a wing. At first, the load on the preloaded locking energy storage device is removed; after successful locking, the unlock energy storage device is preloaded through the mechanical driving unit; when the mechanical driving unit stops, the energy stored in the preloaded unlocking energy storage device is used to unlock a wing; at first, the load on the preloaded unlocking energy storage device is removed, and after successful unlocking, the locking energy storage device is preloaded through the mechanical driving unit.

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