

Title (en)

WINDOW COVERING WITH IMPROVED CONTROLS

Title (de)

FENSTERABDECKUNG MIT VERBESSERTEN STEUERMECHANISMEN

Title (fr)

REVÊTEMENT DE FENÊTRE AVEC COMMANDES AMÉLIORÉES

Publication

EP 2539526 B1 20210407 (EN)

Application

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Priority

US 2010000573 W 20100226

Abstract (en)

[origin: WO2011105984A1] A control mechanism provides a clutch module for selective locking and unlocking of a drive shaft used to retract and extend the shade element between storage and extended positions. The clutch module includes a reciprocator element that engages a key extending from an outer surrounding housing. A locking member between the reciprocator element and a coupling element carried by the drive shaft selectively locks and unlocks rotational coupling between the reciprocator element and the coupling element, thus selectively locking and unlocking the drive shaft. A cushioning mechanism, a unidirectional dampening or frictional deceleration is provided for the drive shaft. The cushioning mechanism includes an impeller or rotor immersed in a cushion medium that impedes rotation of the rotor, and hence the drive shaft to which the rotor is coupled.

IPC 8 full level

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CPC (source: EP)

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