

Title (en)

Mechanism for the controlled retracting movement of a roller insect-blocking foil means

Title (de)

Mechanismus für das kontrollierte Einziehen eines rollbaren Fliegengitters

Title (fr)

Mécanisme pour l'enroulement contrôlé d'une moustiquaire enroulable

Publication

EP 1335101 A3 20030827 (EN)

Application

EP 03386002 A 20030131

Priority

- GR 2002100056 A 20020131
- GR 2002100410 A 20020911

Abstract (en)

[origin: EP1335101A2] A mechanism for the controlled retracting movement of a roller insect-blocking foil means. The mechanism comprises wear-free, reliable components and is of simple construction and assembly, incorporating means for selective activation thereof in the retracting, rolling up direction of movement of the roller insect-blocking foil means (1) only. The mechanism consists in the connection of the drum (8) moving under the action of resilient spring means during rolling up of the insect-blocking foil means (1) to a shaft means (9) moving within a chamber (7) incorporating a relatively viscosity independent chamber filling medium to effect a frictionally enhanced and constantly acting movement of the retarding mechanism. The filling medium is either a malleable solid substance or a fluid means acting in association with an arrangement of diaphragms (12) being provided with a plurality of perforations (12a) for selectively allowing passage of the fluid means.

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 6155328 A 20001205 - WELFONDER KONRAD [DE]
- [A] DE 9203450 U1 19920625
- [A] EP 0919854 A1 19990602 - NICHIBEI KK [JP]

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