

Title (en)
FLY SCREEN WITH LATERAL WINDING FOR DOORS OR WINDOWS

Title (de)
INSEKTENGITTER MIT SEITLICHER WICKLUNG FÜR TÜREN ODER FENSTER

Title (fr)
MOUSTIQUAIRE À ENROULEMENT LATÉRAL POUR PORTES OU FENÊTRES

Publication
EP 3396101 A1 20181031 (EN)

Application
EP 18163743 A 20180323

Priority
IT 201700046539 A 20170428

Abstract (en)
Described is a fly screen (1) with lateral winding for doors or windows comprising a lower guide (2) and an upper guide (3), a plurality of lower tracks (8) and a plurality of upper tracks (13) which are designed to be positioned respectively in the lower guide (2) and in the upper guide (3) in a closed configuration of the fly screen (1). The fly screen (1) comprises a slider (4) which is slidable along the lower guide (2) and the upper guide (3). The slider (4) is hollow, can be inspected and the ends of the tracks (8) and (13) are housed inside it. The slider (4) is kept in a vertical position thanks to the synchronisation between a first portion (24a) of a chain (24) coupled to the track (8) and a second portion (24b) of the chain (24) coupled to the track (13). The fly screen (1) comprises a lateral box (5) comprising a winding tube (7), and a mesh (6) comprising a lower end (6c) and an upper end (6d) respectively slidable in the lower (2) and upper (3) guides. The mesh (6) is fixed with a first lateral end (6a) to the slider (4) and with a second lateral end (6b) to the winding tube (7) of the lateral box (5). The lower guide (2) and the upper guide (3) define a sliding plane (S) of the mesh (6). Each lower track (8) defines a sliding channel (8b) of the mesh (6), delimited by a first lateral surface (9a) and a second lateral surface (9b) which are opposite each other. Each lateral surface (9a, 9b) comprises a plurality of brushes (11) protruding towards the inside of the sliding channel (8b). The brushes (11) are arranged inclined towards a lower surface (12) of the sliding channel (8b) and are configured for locking the lower end (6c) of the mesh (6) if the lower end (6c) tends to escape from the sliding plane (S).

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Citation (search report)
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