

Title (en)

Awning box and load bar assembly

Title (de)

Markisenkasten- und Ausfallprofileinheit

Title (fr)

Ensemble de caisson de marquise et barre de charge

Publication

EP 1643054 A1 20060405 (EN)

Application

EP 04767000 A 20040929

Priority

ES 2004070077 W 20040929

Abstract (en)

The object of this invention consists of an autolocking closure for awning boxes, this is, a closure constituted on a box that houses the shaft on which an awning fabric is wound, provided with a load bar that locks itself in the box. The invention uses a configuration of the box and the load bar such that it closes the box with the load bar without a direct manipulation of the load bar. In case of a vertical elevation of the load bar it is associated to folding arms, being locked in the box by a simultaneous double sliding and rotation motion so that it is automatically and completely locked, while if it is attached to the end of hinged arms the box is closed directly by locking the bar in the

IPC 1-7

E04F 10/06

IPC 8 full level

E04F 10/06 (2006.01); **E06B 9/40** (2006.01)

CPC (source: EP)

E04F 10/0614 (2013.01); **E04F 10/0685** (2013.01); **E04F 10/0692** (2013.01); **E06B 9/40** (2013.01); **E04F 10/06** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1643054 A1 20060405; EP 1643054 B1 20080305; AT E388286 T1 20080315; CN 100420814 C 20080924; CN 1894475 A 20070110; DE 602004012265 D1 20080417; DE 602004012265 T2 20090312; ES 2303091 T3 20080801; PT 1643054 E 20080606; TW 200610873 A 20060401; WO 2005068745 A1 20050728; WO 2005068745 A8 20060202

DOCDB simple family (application)

EP 04767000 A 20040929; AT 04767000 T 20040929; CN 200480004489 A 20040929; DE 602004012265 T 20040929; ES 04767000 T 20040929; ES 2004070077 W 20040929; PT 04767000 T 20040929; TW 93140247 A 20041223