

Title (en)
Roller shutter device

Title (de)
Rolladen

Title (fr)
Volet roulant

Publication
EP 1491710 A2 20041229 (EN)

Application
EP 04014913 A 20040625

Priority
IT BO20030400 A 20030627

Abstract (en)
A roller shutter device has a plurality of slats (2), sliding between two uprights (30), each thereof consisting of a tubular section bar provided with a longitudinal opening (30a), between an opening condition, wherein the slats (2) are wound round a revolving shaft, and a closing condition, wherein the slats (2) are unwound from the revolving shaft. The ends of each slat (2) engage almost entirely the longitudinal opening (30a) of each upright (30) in order to reduce the clearance therebetween, and they comprise hooking means (7) fit to slidably bear against abutment surfaces (30b) of respective upright (30) in order to prevent the slat (2) from coming out from said upright (30). The slats (2) include a fin element (3), which has an extended flat shape and is rotatably on a respective longitudinal axis by rotating means (20). The fin element (3), in the closing condition of device (1), is rotated by the rotating means (20) between a shut condition (T) and a rotated condition (R), wherein said fin element (3) is positioned respectively almost coplanar and rotated with respect to the respective slat (2). <IMAGE>

IPC 1-7
E06B 9/15; **E06B 9/58**

IPC 8 full level
E06B 9/15 (2006.01); **E06B 9/58** (2006.01)

CPC (source: EP)
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ES IT

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EP 1491710 A2 20041229; **EP 1491710 A3 20050202**; IT BO20030400 A1 20041228

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