

Title (en)

Additional door, in particular fly screen door, with an automatic closing mechanism

Title (de)

Vorsatztür, insbesondere Insektenschutztür, mit einem automatischen Schliessmechanismus

Title (fr)

Porte additionnelle, notamment porte moustiquaire, avec un mécanisme de fermeture automatique

Publication

**EP 2395195 B1 20150114 (DE)**

Application

**EP 11166424 A 20110517**

Priority

DE 102010023444 A 20100611

Abstract (en)

[origin: EP2395195A2] The door (1) has a slide wing (4) displaceably provided in a position-fixed frame (2). The wing is connected with a retraction element (11) e.g. spiral spring (12), by a traction unit (15) e.g. band (16). The retraction element builds restoring force during moving the wing from a closing position. The traction unit and the retraction element are arranged in a housing (10), which is laterally fastened at the frame. The traction unit is guided towards the wing by deflection rollers (23). A damping element i.e. brush, damps resetting movement of the wing during entering into the closing position.

IPC 8 full level

**E06B 9/52** (2006.01); **E05F 1/08** (2006.01)

CPC (source: EP)

**E05F 1/16** (2013.01); **E06B 9/52** (2013.01); **E05F 5/003** (2013.01); **E05Y 2201/212** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2201/41** (2013.01); **E05Y 2201/482** (2013.01); **E05Y 2900/136** (2013.01)

Citation (examination)

FR 2738591 A1 19970314 - ALCAN FRANCE [FR]

Cited by

AT13523U1; EP2915942A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2395195 A2 201111214**; **EP 2395195 A3 20120815**; **EP 2395195 B1 20150114**; DE 102010023444 A1 20111215;  
DE 102010023444 B4 20141127

DOCDB simple family (application)

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