

Title (en)  
DAMPING DEVICE FOR A LEAF OF A LIFT-AND-SLIDE WINDOW OR DOOR, DAMPING KIT FOR A LEAF OF A LIFT-AND-SLIDE WINDOW OR DOOR AND LIFT-AND-SLIDE WINDOW OR DOOR

Title (de)  
DÄMPFUNGSVORRICHTUNG FÜR EINEN FLÜGEL EINES HEBESCHIEBEFENSTERS ODER EINER HEBESCHIEBETÜR, DÄMPFUNGSSATZ FÜR EINEN FLÜGEL EINES HEBESCHIEBEFENSTERS ODER EINER HEBESCHIEBETÜR UND HEBESCHIEBEFENSTER ODER -TÜR

Title (fr)  
DISPOSITIF D'AMORTISSEMENT POUR UN VANTAIL D'UNE FENÊTRE OU D'UNE PORTE SOULEVANTE-COULISSANTE, KIT D'AMORTISSEMENT POUR UN VANTAIL D'UNE FENÊTRE OU D'UNE PORTE SOULEVANTE-COULISSANTE ET FENÊTRE OU PORTE SOULEVANTE-COULISSANTE

Publication  
**EP 4283083 A1 20231129 (EN)**

Application  
**EP 23163209 A 20230321**

Priority  
IT 202200011288 A 20220527

Abstract (en)  
Damping device (1) for a leaf (A) of a lift-and-slide window or door, configured to damp the opening and/or closing movement of the leaf (A) and comprising a containment body (2) that is solidly connectable to the leaf (A) and a cursor (3) reversibly slidable in the containment body (2) along a direction that is substantially parallel to a movement direction (X) of the leaf (A) between at least one first and a second position. In particular, the cursor (3) comprises a first abutting element (4) and a second abutting element (5) that are each adapted to engage a striker element (R) present on the fixed frame (T) and each is reversibly switchable between a raised condition, in which it protrudes at least partially from the cursor (3) to abut on the striker element (R), and a lowered condition, in which it is at least partially housed inside said cursor (3) to permit a relative motion between the cursor (3) and the striker element (R). The damping device 1 further comprises a cam profile (9) operationally active on the abutting elements to activate switching thereof from the raised condition to the lowered condition and vice versa following movement of the cursor (3) between the first and the second position, and damping means (16) interposed between the containment body (2) and the cursor (3).

IPC 8 full level  
**E05F 5/00** (2017.01)

CPC (source: EP)  
**E05F 5/003** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)  
• CN 107435478 A 20171205 - ZHONGSHAN OPIKE HARDWARE PRODUCTS CO LTD  
• WO 2021198185 A1 20211007 - MACO TECHNOLOGIE GMBH [AT]

Citation (search report)  
• [A] CN 107435478 A 20171205 - ZHONGSHAN OPIKE HARDWARE PRODUCTS CO LTD  
• [A] WO 2021198185 A1 20211007 - MACO TECHNOLOGIE GMBH [AT]

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