

Title (en)  
PROFILE SYSTEM FOR ALUMINIUM AND PVC DOOR SASH

Title (de)  
PROFILSYSTEM FÜR ALUMINIUM- UND PVC-TÜRFLÜGEL

Title (fr)  
SYSTÈME DE PROFIL POUR CHÂSSIS DE PORTE EN PVC ET EN ALUMINIUM

Publication  
**EP 3361037 B1 20200624 (EN)**

Application  
**EP 17000206 A 20170209**

Priority  
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Abstract (en)  
[origin: EP3361037A1] The invention aims to achieve a profile system from aluminium with thermal break and PVC, implicitly a door with a door sash covered that has the characteristics of a door with high mechanical stability, high resistance to thermal stress and a high thermal insulation coefficient. For the door, it was designed as an assembly of PVC profile (1), provided with shoulders for clipping (3,4) and an aluminium profile with thermal break (2) provided with the proper channels for the shoulder's clipping. The aluminium profile (2) is assembled at the corners by welding or another solid assembling, forming a frame. There is also made a frame of PVC profile (1) which is clamped over the aluminium profile. Then the two elements are assembled by screw. This frame is filled with the material (8), optional glass (9) and covered with sheets of aluminium or other material (7).

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