

Title (en)  
ANTI-INTRUSION SLIDING DOOR

Title (de)  
EINBRUCHHEMMENDE SCHIEBETÜR

Title (fr)  
PORTE COULISSANTE ANTI-EFFRACTION

Publication  
**EP 2864566 B1 20181128 (DE)**

Application  
**EP 13727601 A 20130606**

Priority

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- EP 2013061671 W 20130606

Abstract (en)

[origin: WO2013189749A1] The invention relates to a sliding leaf system comprising at least one sliding leaf (4; 6). The sliding leaf (4; 6) can be moved in a floor guide device so as to close a building opening in a passage direction (D) along a closing movement and provides a first vertical closing edge in a substantially horizontal closing direction (S). The sliding leaf system provides a second vertical closing edge, wherein the first and the second vertical closing edges can be brought into a closing arrangement in a reciprocal manner. At least one dimensionally stable groove (41) which extends substantially in the vertical direction, which opens in the closing direction (S), and which consists of metal or plastic or a combination thereof is arranged on at least one of said vertical closing edges at least in some sections, and a dimensionally stable comb (61) which corresponds to said groove (41), which extends substantially in the vertical direction and protrudes in the closing direction (S), and which consists of metal or plastic or a combination thereof is arranged opposite each groove (41) on the other vertical closing edge. Said groove (41) and said comb (61) can be brought into engagement in a formfitting manner by means of the closing movement, said engagement extending in sections over at least half of the longitudinal extension of the vertical closing edges all together. The invention also relates to a closing device which is arranged on said vertical closing edges for fixing the sliding leaf (4; 6) when the first and second vertical closing edges are positioned in a closing arrangement in a reciprocal manner. Such a structure improves the security of the closing leaf system against intrusion.

IPC 8 full level  
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Citation (examination)

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- US 3650071 A 19720321 - TANNER HOMER C
- US 5452925 A 19950926 - HUANG CHIEN F [TW]
- US 2010192466 A1 20100805 - MCDANIEL KYLE A [US]
- EP 0572936 A1 19931208 - HAAB KARL [CH], et al
- US 4475313 A 19841009 - GOVERNALE BERNARD C [US]
- US 7059017 B1 20060613 - ROSKO PETER J [US], et al

Citation (opposition)

Opponent : GEZE GmbH

- US 3774342 A 19731127 - THOM K
- AU 2008230042 B2 20150910 - CAPRAL LTD [AU]
- US 2008148790 A1 20080626 - FRIESE DONALD E [US], et al
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Opponent : LANDERT Group AG

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