

Title (en)
Self-locking latch for wings

Title (de)
Selbstsperrende Verriegelung für Flügel

Title (fr)
Verrou autoserrant pour volets

Publication
EP 1092828 B1 20041110 (DE)

Application
EP 00121958 A 20001009

Priority
• DE 19949054 A 19991011
• DE 10036144 A 20000725

Abstract (en)
[origin: EP1092828A1] The self-locking system, for a swing panel (2), has a swing locking member (15) which is mounted to the frame (1) so that, when released, the panel (2) can move into an open position and, in the closed position, it grips over a step (3) at the panel (2). A toggle lever operating system (8,13,14) swings the locking member (15) between the released/locked positions with movement through a dead point, and especially shortly before reaching the locked position. When in the locked position, the locking member (15) automatically braces the panel (2) against an opening movement force.

IPC 1-7
E05C 19/14; **E05C 3/04**; **E05B 57/00**

IPC 8 full level
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CPC (source: EP)
E05B 17/0029 (2013.01); **E05B 15/0086** (2013.01); **E05B 63/0004** (2013.01); **E05B 63/0052** (2013.01)

Cited by
EP2354396A3; EP2336628A1; DE202008012410U1; US8783737B2

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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EP 1092828 A1 20010418; **EP 1092828 B1 20041110**; AT E282130 T1 20041115; DE 50008586 D1 20041216

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