

Title (en)  
SUPPORT MECHANISM FOR CLOSURE ELEMENT OF VENTILATION AND LOCKING SYSTEM AND VENTILATION AND LOCKING SYSTEM

Title (de)  
UNTERSTÜTZUNGSMECHANISMUS FÜR EIN VERSCHLUSSELEMENT EINES LÜFTUNGS- UND VERRIEGELUNGSSYSTEM SOWIE LÜFTUNGS- UND VERRIEGELUNGSSYSTEM

Title (fr)  
MÉCANISME DE SUPPORT POUR UN ÉLÉMENT DE FERMETURE D'UN SYSTÈME DE VENTILATION ET DE VERROUILLAGE ET SYSTÈME DE VENTILATION ET DE VERROUILLAGE

Publication  
**EP 2601365 B1 20170419 (EN)**

Application  
**EP 10855510 A 20100802**

Priority  
CN 2010075643 W 20100802

Abstract (en)  
[origin: WO2012016372A1] The support mechanism (3') for a closure element (15) of a ventilation and locking system (2') is suitable for being mounted on a pivoting sash of a closure assembly and allows a displacement of the closure element (15) from a locking closed position to at least one ventilation position in which the closure element is inclined relative to its closed position while keeping the ventilation and locking system locked. The support mechanism comprises a hinged structure (30') adapted so that the displacement of the closure element (15) in a ventilation position creates a first air passage (7) between the closure element and a frame member (101) of the closure assembly and creates also a second air passage (8) between the closure element and a frame member (11) of the pivoting sash (10). A ventilation and locking system comprising at least one support mechanism is disclosed.

IPC 8 full level  
**E05D 7/06** (2006.01); **E06B 3/40** (2006.01); **E06B 7/06** (2006.01)

CPC (source: EP)  
**E04D 13/0325** (2013.01); **E06B 7/06** (2013.01); **E05D 3/16** (2013.01); **E05F 1/1215** (2013.01); **E05Y 2900/152** (2013.01)

Cited by  
EP4183957A1; GB2612971A

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 SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012016372 A1 20120209**; CN 103314170 A 20130918; CN 103314170 B 20160504; EP 2601365 A1 20130612; EP 2601365 A4 20140101; EP 2601365 B1 20170419; EP 3115534 A1 20170111; EP 3115534 B1 20180516

DOCDB simple family (application)  
**CN 2010075643 W 20100802**; CN 201080068531 A 20100802; EP 10855510 A 20100802; EP 16186486 A 20100802