

Title (en)  
A window system having a concealed operator

Title (de)  
Fenstersystem mit einem verdeckten Antrieb

Title (fr)  
Système de fenêtre doté d'un opérateur dissimulé

Publication  
**EP 2472043 A1 20120704 (EN)**

Application  
**EP 10197256 A 20101229**

Priority  
EP 10197256 A 20101229

Abstract (en)  
The window system has a frame structure including a plurality of frame members, a sash structure carrying a pane element and including a plurality of sash members, and an operator including an operator member having a first and a second end and adapted to extend between the frame structure and the sash structure, said frame structure being adapted to be installed in a roof structure by means of a bracket arrangement. The operator is mounted on the external side of a first frame member, and is connected to the bracket arrangement of the window system.

IPC 8 full level  
**E05F 15/619** (2015.01); **E04D 13/03** (2006.01); **E04D 13/035** (2006.01); **E05F 11/06** (2006.01)

CPC (source: EP)  
**E04D 13/031** (2013.01); **E04D 13/0354** (2013.01); **E05F 15/619** (2015.01); **E05F 11/06** (2013.01); **E05Y 2201/656** (2013.01); **E05Y 2201/724** (2013.01); **E05Y 2900/152** (2013.01); **E05Y 2900/154** (2013.01)

Citation (applicant)  
• DE 10126395 C1 20030123 - ISOCO KUNSTSTOFFTECHNIK GMBH & [DE]  
• WO 2009076952 A1 20090625 - VKR HOLDING AS [DK], et al  
• EP 0692640 A2 19960117 - RASMUSSEN KANN IND AS [DK]  
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Citation (search report)  
• [X] US 4416094 A 19831122 - BUEGENER FRANZ [DE], et al  
• [X] NL 1033845 C2 20081118 - UBBINK BV [NL]

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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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