

Title (en)  
Closure for a door opening or window opening

Title (de)  
Verschluss für Tür- oder Fensteröffnungen

Title (fr)  
Fermeture pour ouverture de porte ou de fenêtre

Publication  
**EP 2455577 A1 20120523 (EN)**

Application  
**EP 11009146 A 20111118**

Priority  
• NL 2005712 A 20101118  
• EP 10252100 A 20101213  
• EP 11009146 A 20111118

Abstract (en)  
A closure for a door opening or window opening (1) comprises a horizontally extending upper guide track (2), a horizontally extending lower guide track (3), a stationary frame (4) part extending vertically between corresponding first ends of the guide tracks (2,3), a movable frame part (5) which extends vertically between said guide tracks (2,3) and which is movable between a first position adjacent the stationary frame part (4) and a second position near the second ends of the guide tracks (2,3), a foldable screen (6) attached to and extending between the stationary frame part (4) and movable frame part (5), and guiding means (20) for guiding movement of the screen (6) and/or movable frame part (5) during closing and opening of the closure (1). A gravity-operated mass (9) is movable within the stationary frame part (4) and by pull means (10) is connected to the movable frame part (5) in such a manner that the mass (9) preloads said movable frame part (5) for moving it in a direction towards its second position. In an embodiment the guiding means (20) may comprise an upper chain (7) and a lower chain (8), which in the first position of the movable frame part (5) each are housed partly in said movable frame part (5) and partly in the stationary frame part (4), and the closure (1) further comprises an auxiliary gravity-operated mass (18) connected to the end of the lower chain part (8) housed in the stationary frame part (4).

IPC 8 full level  
**E06B 9/52** (2006.01); **E05F 1/02** (2006.01); **E06B 3/48** (2006.01); **E06B 3/92** (2006.01)

CPC (source: EP)  
**E05F 1/025** (2013.01); **E06B 3/48** (2013.01); **E06B 3/92** (2013.01); **E06B 9/52** (2013.01); **E05Y 2900/136** (2013.01)

Citation (applicant)  
EP 10252100 A 20101213

Citation (search report)  
• [IAY] US 6615894 B1 20030909 - MCKEON JAMES [US]  
• [Y] WO 9723701 A1 19970703 - ATC PRODUCTS LIMITED [GB], et al

Cited by  
ITNA20120028A1; CN111038359A; CN108775216A; WO2019024271A1

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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2455577 A1 20120523**

DOCDB simple family (application)  
**EP 11009146 A 20111118**