

Title (en)  
A closure for a door or window opening

Title (de)  
Tür- oder Fensterverschluss

Title (fr)  
Fermeture pour porte ou fenêtre

Publication  
**EP 0489450 B1 19960710 (EN)**

Application  
**EP 91202939 A 19911112**

Priority  
GB 9024853 A 19901115

Abstract (en)  
[origin: EP0489450A2] A closure, such as an insect screen, for a door or window opening having guide tracks 12,14 at opposite sides, a retractor assembly 16 mounted at a third side of the frame, a flexible screen 10 wound at one of its ends to the retractor, a header bar 18 secured to the other end of the flexible screen, said header bar being guided by said guide tracks for movement perpendicular thereto. A pair of wheels, one mounted at each end of the header bar are operatively associated with one of the guide tracks and a brake and preferably also a drive mechanism are provided on the header bar, the brake being effective simultaneous to stop rotation of both of the wheels and thereby to arrest movement of the header bar at any location along the length of the guide tracks, and the drive means being arranged to urge the header bar to the closed position of the screen 10.  
<IMAGE>

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**E06B 9/08**; **E06B 9/58**; **E06B 9/54**; **E06B 9/40**; **E06B 9/90**; **E06B 9/68**

IPC 8 full level  
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Cited by  
EP1158135A1; CN102155145A; DE102008028861A1; EP0790384A1; CN102606051A; IT201900001157A1; US5671790A; AU701505B2; FR2937673A1; FR2937674A1; EP0915229A1; NL1007480C2; DE9217534U1; EP3581753A1; WO2010084321A1; WO9923344A1

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