

Title (en)
Egress hinge.

Title (de)
Öffnungsscharnier.

Title (fr)
Charnière d'ouverture.

Publication
EP 0294980 A1 19881214 (EN)

Application
EP 88304911 A 19880531

Priority
GB 8713801 A 19870612

Abstract (en)
A hinge or friction stay which allows a window or door to open far enough to give adequate egress. The stay, when used on a window provides a clear window opening through which a person could escape in the event of fire. The hinge comprises a track (14) with a nose cap (15). A strut (18) is pivoted to a slider (20) movement of which is restricted by stop (17) and a second stop (21). A strut (18) is connected to a bar (23) carrying a nose member (24) and the bar is also connected via a link (25) to a second slider (26). A brace (27) connects strut (18) to slider (26). Between slider (26) and the nose cap is a spring (28) which biases movement of slider (26), which movement is achieved by having strut (18) carried by the slider with substantial freedom of movement between stop (17) and (21) as compared with known hinges in which the strut (18) has a fixed pivot point. Slider (26) has a limited degree of movement but has sufficient movement to allow nose (24) to clear the nose cap (15) during initial opening movement.

IPC 1-7
E05D 15/30; **E05D 15/44**

IPC 8 full level
E05D 15/30 (2006.01); **E05D 15/44** (2006.01)

CPC (source: EP)
E05D 15/30 (2013.01); **E05D 15/44** (2013.01); **E05Y 2800/746** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [YD] EP 0112681 A1 19840704 - SECURISTYLE LTD [GB]
- [Y] DE 8516560 U1 19850718
- [A] GB 2025499 A 19800123 - STRAND T

Cited by
US6928697B2; CN111577038A; GB2338509B; SG106038A1; GB2353821A; GB2353821B; GB2262308A; GB2262308B; FR2667347A1; GB2558525B; GB2445793A; GB2366323A; GB2366323B; EP0490707A1; GB2228043A; GB2228043B; WO9413914A1

Designated contracting state (EPC)
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