Title (en)
   EGRESS HINGE

Publication
   EP 0294980 B1 19911016 (EN)

Application
   EP 88304911 A 19880531

Priority
   GB 8713801 A 19870612

Abstract (en)
   [origin: EP0294980A1] 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 (examination)
   EP 0142999 A2 19850529 - SECURISTYLE LTD [GB]

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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