

Title (en)

Safety latch mechanism for a ceiling access panel

Title (de)

Sicherheitsverriegelungsvorrichtung für eine Deckenplatte

Title (fr)

Dispositif de verrouillage pour un panneau de plafond

Publication

EP 0982454 A1 20000301 (EN)

Application

EP 99305564 A 19990714

Priority

- EP 99305564 A 19990714
- EP 98306702 A 19980821

Abstract (en)

A safety latch mechanism controls the early stage of opening movement of a ceiling access panel that is pivotally mounted in a frame. A spring-biased laterally movable detent pin (2) is mounted on the access panel or on the frame, and traverses a track (11,12,13,14,15) in a guide and holding member (10) on the other of the access panel and frame as the panel is moved to and from its fully closed position. The guide and holding member has an open mouth portion (11) and a cyclic track for the detent pin (2), including a holding cup (14) for receiving the weight of the access panel and holding it in a partially open position. The access panel can be released from that partially open position by lifting it slightly, when the detent pin (2) moves under its spring bias through a track portion (15) which returns it to the open mouth (11). <IMAGE>

IPC 1-7

E05C 19/02; E04B 9/00; E05C 17/00

IPC 8 full level

E04B 9/00 (2006.01)

CPC (source: EP)

E04B 9/003 (2013.01)

Citation (search report)

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