

Title (en)

Safety device for the access to a ladder from an upper floor.

Title (de)

Steigschutzvorrichtung zu einer Leiter von einem darüberliegenden Fussboden.

Title (fr)

Dispositif de protection de l'accès à une échelle à partir d'un plancher supérieur.

Publication

**EP 0402214 B1 19941214 (FR)**

Application

**EP 90401484 A 19900601**

Priority

- FR 8907394 A 19890605
- FR 8907395 A 19890605

Abstract (en)

[origin: EP0402214A1] The safety system is used for guarding the access to a ladder (3) which enables a person to descend from an upper floor (1) to a lower one or from a point at ground level to a second point some distance below, consists of a trap-door guarding the top of the ladder and a cage (8) round the ladder's upper end. Beneath the cage is a platform (5) which can be moved from a position immediately beneath the cage to one in which it allows access to the ladder. The platform has a foot pedal (9a) to release its lock and move it horizontally along a frame (6) between its two positions. The ladder can also incorporate a vertical guide bar (4) for a safety harness slider.

IPC 1-7

**E06C 7/18**; **E06C 9/02**

IPC 8 full level

**E04F 11/00** (2006.01); **E04F 11/04** (2006.01); **E06C 7/00** (2006.01); **E06C 7/18** (2006.01); **E06C 9/02** (2006.01)

CPC (source: EP)

**E04F 11/00** (2013.01); **E06C 7/006** (2013.01); **E06C 7/185** (2013.01); **E06C 7/187** (2013.01); **E06C 9/02** (2013.01)

Cited by

CN102889052A; EP2902625A1; CN104818915A; WO9501495A1; FR3090713A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0402214 A1 19901212**; **EP 0402214 B1 19941214**; AT E115676 T1 19941215; DE 69015001 D1 19950126; DE 69015001 T2 19950720; ES 2066162 T3 19950301; WO 9015219 A1 19901213

DOCDB simple family (application)

**EP 90401484 A 19900601**; AT 90401484 T 19900601; DE 69015001 T 19900601; ES 90401484 T 19900601; FR 9000383 W 19900601