

Title (en)  
Catching device for a climbing safety system

Title (de)  
Fangvorrichtung für ein Steigschutzsystem

Title (fr)  
Dispositif de blocage pour système anti-chute

Publication  
**EP 1514994 B1 20071114 (DE)**

Application  
**EP 04021747 A 20040913**

Priority  
DE 10342627 A 20030915

Abstract (en)  
[origin: EP1514994A2] A safety catch for an operator on a ladder or similar high working positions, has a slider (1) moving along a guide rail (B) fitted on the inside with locking tags (A). A locking lever (3) is pivot mounted (2) about its center of inertia inside the slider and has a roller (4) at the upper end and a braking profile at the lower end. The locking end is held in the retracted setting by a spring. The inertia of the spring is greater than that of the catch and is set to operate the locking action above a set downward speed of the slider. The locking action is failsafe with the locking catch in the locking position if the return spring breaks.

IPC 8 full level  
**E06C 7/18** (2006.01)

CPC (source: EP)  
**E06C 7/187** (2013.01)

Cited by  
CN116036509A; CN109264436A; CN112717298A; CN109908506A; GB2499798A; GB2499798B; EP3797838A1; WO2009074697A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1514994 A2 20050316; EP 1514994 A3 20060419; EP 1514994 B1 20071114**; AT E378494 T1 20071115; DE 10342627 A1 20050407; DE 502004005477 D1 20071227; PL 1514994 T3 20080530

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