

Title (en)

ELECTRONICALLY CONTROLLED CATCHING DEVICE FOR A FALL PROTECTION SYSTEM

Title (de)

ELEKTRONISCH GESTEUERTE FANGVORRICHTUNG FÜR EIN STEIGSCHUTZSYSTEM

Title (fr)

DISPOSITIF DE SECURITE COMMANDE ELECTRONIQUEMENT POUR UN SYSTEME DE PROTECTION ANTICHUTE

Publication

EP 2318635 B1 20120215 (DE)

Application

EP 09800080 A 20090727

Priority

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- FR 0804259 A 20080725
- DE 202008015472 U 20081121

Abstract (en)

[origin: WO2010010197A1] The catching device (10) for a fall protection system can be guided in a guide rail (12) and a protected person can impact the device. The catching device (10) comprises a locking device (30) pre-stressed into a first position in which the catching device can be locked onto the guide rail, and a support device that retains the locking device in a second unlocked position. The catching device (10) further comprises an electrical/electronic speed setting device (60) and an electronic control system (70) for releasing the support device when a pre-determined speed is exceeded, and thereby releasing the locking device (30) for shifting to the first, locking position. The locking device (30) can comprise a two-part pawl latch (100) with a lever (104) and a latching lug (102) designed as two separate elements rotatably mounted on an axle (120), wherein the point of impact (18) is located at one end of the lever (104).

IPC 8 full level

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CPC (source: EP)

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