

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

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Application

**EP 09800080 A 20090727**

Priority

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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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Citation (search report)

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