

Title (en)

Anti-fall device with speed-dependent clutch

Title (de)

Auffanggerät mit geschwindigkeitsabhängiger Kupplung

Title (fr)

Appareil anti-chute avec un embrayage dépendant de la vitesse

Publication

EP 2153871 B1 20110119 (DE)

Application

EP 08020652 A 20081127

Priority

DE 202008010819 U 20080805

Abstract (en)

[origin: US2010032239A1] Safety appliance, in particular climb-safe runner, which runs in accompaniment with a person to be secured, on a movable or fixed guide, in particular securing rail, safety ladder or securing rope, which serves as a securing device, with a housing (10) and with a first wheel (12) which is mounted rotatably about a first axis (20) on the housing (10) and which is arranged in such a way that it rolls on the securing device, the first wheel (12) having a clutch, in particular a centrifugal (12) he clutch, being designed and arranged in such a way that it connects the first wheel (12) to a second wheel (14) in a force-transmitting manner when a predetermined rotational speed and/or linear acceleration and/or angular acceleration and/or linear speed of the first wheel (12) is overshoot, the second wheel (14) being arranged and designed in such a way that it corotates with the first wheel (12) during force-transmitting connection to the first wheel (12) via the centrifugal clutch and actuates a catch (16) in such a way that the catch (16), moved from a release position into a locking position, blocks, by cooperation with.

IPC 8 full level

A62B 35/04 (2006.01); **E06C 7/18** (2006.01); **A62B 1/10** (2006.01); **A62B 1/14** (2006.01)

CPC (source: EP US)

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Cited by

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