

Title (en)

ENERGY-ABSORPTION DEVICE, SUPPORT, CABLE BRAKE, SAFETY NET CONSTRUCTION AND METHOD

Title (de)

ENERGIEABSORPTIONSVORRICHTUNG, STÜTZE, SEILBREMSE, SCHUTZNETZVERBAUUNG UND VERFAHREN

Title (fr)

DISPOSITIF D'ABSORPTION D'ÉNERGIE, SUPPORT, FREIN À CÂBLE, STRUCTURE DE FILET DE SÉCURITÉ ET PROCÉDÉ

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Application

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Abstract (en)

[origin: CA3165542A1] The invention relates to an energy-absorption device (38) for the absorption of at least one portion of impact energy occurring with the impact of an impact body (10) in a safety net construction (12), comprising at least one cable guide unit (14), which forms at least one cable-receiving region (16) for receiving and/or guiding at least one cable (18), and comprising at least one energy-absorption element (20) which is arranged in the cable-receiving region (16) and forms at least one friction surface (22) for the at least one guided cable (18), wherein the energy-absorption element (20) is provided such that, when a force is exerted on the cable (18), triggering a movement of the cable (18) over the friction surface (22), it absorbs at least one portion of the energy generated by the force, in a targeted manner, via a substantial deformation of the friction surface (22) and/or via a substantial removal of the friction surface (22). The invention also relates to a cable brake (58), in particular a pulley cable brake, wherein the energy-absorption element (20) of the energy-absorption device (38) is arranged on a deflection element (62, 126) on a side of the deflection element (62, 126) facing towards from the cable (18).

IPC 8 full level

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