

Title (en)

FALL ARRESTER WITH TORSIONAL ENERGY ABSORBING MEANS

Title (de)

ABSTURZSICHERUNG MIT TORSIONSENERGIEABSORPTIONSMITTELN

Title (fr)

DISPOSITIF D'ARRÊT DE CHUTE À MOYEN D'ABSORPTION D'ÉNERGIE DE TORSION

Publication

EP 3402577 A1 20181121 (EN)

Application

EP 16704047 A 20160115

Priority

HR 2016000001 W 20160115

Abstract (en)

[origin: WO2017122035A1] A fall arrester with torsional energy absorbing means, capable of sliding along a guide rail is disclosed. Fall arrester is composed of left housing (10) and the mirror shaped right housing (20) which are permanently connected together via shafts (33, 38, 38); pawls (40, 50) that are pressed towards the guide rail (90) via spring (32); and lever (60) for engaging the energy absorbing means. The energy absorbing means is composed of the torsion stick (70) attached by its one end (71) to the pawl (40) and with another end (72) with the cylinder (80) that can freely rotate within the pawl (50). When lever (60) is engaged, it rotates cylinder (80) which transmits the force to the end (72) of the torsion stick (70), while the opposite end (71) remains stationary, causing that torsion stick (70) absorbs the energy of a falling body.

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