

Title (en)

A PNEUMATICALLY-CONTROLLED FALL PREVENTION MODULE FOR THE REAR OF A TRUCK, AND A DEVICE FOR THE FASTENING OF THIS MODULE TO A SAFETY HARNESS

Title (de)

PNEUMATISCH GESTEUERTES FALLSCHUTZMODUL FÜR DAS HECK EINES LASTKRAFTWAGENS UND VORRICHTUNG ZUR BEFESTIGUNG DIESES MODULS AN EINEM SICHERHEITSGESCHIRR

Title (fr)

MODULE ANTICHUTE À COMMANDE PNEUMATIQUE POUR PARTIES ARRIÈRES DE CAMIONS, ET DISPOSITIF DE FIXATION DE CE MODULE À UN HARNAIS DE SÉCURITÉ

Publication

EP 3964455 A4 20231018 (EN)

Application

EP 20798048 A 20200430

Priority

- ES 201930684 U 20190430
- ES 2020070280 W 20200430

Abstract (en)

[origin: EP3964455A1] A pneumatically -controlled fall prevention module for the rear of a truck, such as a refuse collection truck, consisting of a metal box located at the area where the operative is mounted while travelling, and which incorporates a pneumatically -controlled system for the anchoring of a ball-hitch to the safety harness. The system enables the ball of the anchoring device to be locked upwards in the box when inserted therein through an opening in the front cover by means of the retractable microswitch of a valve which in turn activates the flow distributor of a pneumatic cylinder connected to the compressed air supply of the truck. which may be a smaller locking cylinder, or maybe supplemented by a secondary cylinder with locking pins for the main plunger; the ball may only be disengaged and released from the box by pressing a lateral mushroom-head deactivation button.

IPC 8 full level

B65F 3/00 (2006.01); **A62B 35/00** (2006.01)

CPC (source: EP)

A62B 35/0068 (2013.01); **B65F 3/00** (2013.01); **B65F 2003/003** (2013.01)

Citation (search report)

- [AD] ES 1158086 U 20160607 - MARTINEZ MARTINEZ JOSE ANTONIO [ES], et al
- [AD] ES 1065013 U 20070601 - GARCIA ROBLEDO CARLOS JESUS [ES]
- See also references of WO 2020221950A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 20798048 A 20200430; BR 112021021901 A 20200430; CA 3138076 A 20200430; CL 2021002828 A 20211027; CO 2021015631 A 20211122; ES 2019070410 W 20190612; ES 201930684 U 20190430; ES 2020070280 W 20200430; MX 2021013151 A 20200430; PE 2021001792 A 20200430