Title (en)

CARRYING DEVICE FOR AN AVALANCHE AIRBAG SYSTEM

Title (de

TRAGEINRICHTUNG FÜR EIN LAWINENAIRBAGSYSTEM

Title (fr)

DISPOSITIF PORTEUR POUR UN SYSTÈME DE COUSSIN GONFLABLE D'AVALANCHE

Publication

EP 3517180 B1 20211229 (DE)

Application

EP 18153635 A 20180126

Priority

EP 18153635 A 20180126

Abstract (en)

[origin: WO2019145470A1] The invention relates to a carrying device, in particular a backpack (10), for an avalanche airbag system (12), which includes an airbag (14) and a filling device (16) for introducing at least one medium into the airbag (14). The airbag (14) brought into a stowage position is received in a container (18) if the avalanche airbag system (12) is coupled to the carrying device. The container (18) comprises a closure element (34). After opening the closure element (34), the container (18) can be brought from a closed position into an open position. The carrying device includes at least one spring element, which is tensioned if the container (18) is brought into the closed position, and by means of which bringing the container (18) from the closed position into the open position can be effected. The closure element (34) can be opened by actuating an actuating device (28), by means of which the filling device (16) can be brought into a triggered state. In the triggered state, the filling device (16) introduces the at least one medium into the airbag (14).

IPC 8 full level

A62B 33/00 (2006.01)

CPC (source: EP US)

A45F 3/04 (2013.01 - US); A62B 33/00 (2013.01 - EP US); A63B 29/02 (2013.01 - US); A45F 2003/003 (2013.01 - US)

Citation (examination)

WO 2007069100 A1 20070621 - BERCHTEN YAN [CH]

Designated contracting state (EPC)

ÂL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3517180 A1 20190731; **EP 3517180 B1 20211229**; US 11311753 B2 20220426; US 2021046336 A1 20210218; WO 2019145470 A1 20190801

DOCDB simple family (application)

EP 18153635 A 20180126; EP 2019051841 W 20190125; US 201916964988 A 20190125