

Title (en)

DEVICE AND METHOD FOR PRODUCING A CONNECTION WITH NO FORCE SHUNT

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINER VERBINDUNG OHNE KRAFTNEBENSCHLUSS

Title (fr)

SYSTÈME ET PROCÉDÉ DE PRODUCTION D'UN RACCORD SANS DÉRIVATION DE FORCE

Publication

**EP 3814233 A1 20210505 (DE)**

Application

**EP 19732583 A 20190618**

Priority

- DE 102018115468 A 20180627
- EP 2019065966 W 20190618

Abstract (en)

[origin: WO2020002041A1] The invention relates to a connection device (100) for connecting an outlet opening (210) of a downpipe (200) to an upward-facing inlet opening (310) of a container (300), comprising a body (110) with a continuous opening (120) from an upper side (112) to an underside (114) of the body (110), wherein the body (110) is designed in such a way that it is suitable to be connected by its upper side (112) to the outlet opening (210) of the downpipe (200) via a flexible connection element (400), in particular via a compensator, in such a way that a connection is created between the outlet opening (210) of the downpipe and the opening (120) of the body (110). The connection device (100) also comprises a coupling device (130) which is attached to the underside (114) of the body (110) and which is suitable for creating a sealed connection between the opening (120) of the body (110) and the inlet opening (310) of the container (300) when the body (110) rests on an upper side (302) of the container (300).

IPC 8 full level

**B65B 1/28** (2006.01); **B65B 1/32** (2006.01); **B65B 1/46** (2006.01); **B65B 37/02** (2006.01); **B65B 39/00** (2006.01); **B65B 39/02** (2006.01); **B65B 39/06** (2006.01)

CPC (source: EP US)

**B65B 1/28** (2013.01 - EP US); **B65B 1/32** (2013.01 - EP US); **B65B 37/02** (2013.01 - EP US); **B65B 39/007** (2013.01 - EP US); **B65B 39/02** (2013.01 - EP US); **B65B 39/06** (2013.01 - EP); **B65B 1/46** (2013.01 - EP)

Citation (search report)

See references of WO 2020002041A1

Designated contracting state (EPC)

AL 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**DE 102018115468 A1 20200102**; **DE 102018115468 B4 20200730**; CN 112292325 A 20210129; CN 112292325 B 20220906; EP 3814233 A1 20210505; US 2021371146 A1 20211202; WO 2020002041 A1 20200102

DOCDB simple family (application)

**DE 102018115468 A 20180627**; CN 201980041150 A 20190618; EP 19732583 A 20190618; EP 2019065966 W 20190618; US 201916973521 A 20190618