Title (en)

FILLING ADAPTER (AERATION LINE)

Title (de)

BEFÜLLADAPTER (BELÜFTUNGSLEITUNG)

Title (fr)

ADAPTATEUR DE REMPLISSAGE (CONDUITE DE VENTILATION)

Publication

EP 3126283 A2 20170208 (DE)

Application

EP 15731487 A 20150318

Priority

- DE 102014004824 A 20140329
- DE 2015000138 W 20150318

Abstract (en)

[origin: WO2015149738A2] The invention relates to a filling adapter for a container to be filled with media (e.g., oils, gases, refrigerants, and the like), in particular for the first filling of containers with service fluids on assembly lines for producing motor vehicles, wherein the filling adapter has a hose pack, which hose pack comprises electrical, pneumatic, and hydraulic lines. The problem addressed by the invention is that of creating a technical solution by means of which technical and economic advantages of known solution approaches for valve interconnections for operating such a filling adapter can be combined with each other without additional disadvantages being generated by means of this combination. This problem is solved in that the filling adapter has a barrel and a ball piece and is operatively connected to two media lines in a hose pack, wherein the media are redistributed in the adapter head, in which a filling valve and a vacuum valve are arranged, which are each connected to the barrel, and wherein an aeration line branches off from a vacuum line in the hose pack by means of a check valve and is connected to the ball piece.

IPC 8 full level

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CPC (source: CN EP US)

B67D 7/02 (2013.01 - CN EP US); **B67D 7/0294** (2013.01 - US); **B67D 7/04** (2013.01 - CN US); **B67D 7/42** (2013.01 - CN EP US); B67D 7/428 (2013.01 - US)

Citation (search report)

See references of WO 2015149738A2

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DE 102014004824 A1 20151001; BR 112016021528 B1 20210525; CN 106163976 A 20161123; CN 106163976 B 20181106; EP 3126283 A2 20170208; EP 3126283 B1 20180307; HU E037670 T2 20180928; MX 2016012355 A 20170106; PL 3126283 T3 20180831; PT 3126283 T 20180523; US 10343892 B2 20190709; US 2017129765 A1 20170511; WO 2015149738 A2 20151008; WO 2015149738 A3 20151126; ZA 201606164 B 20170927

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