Title (en)

ADAPTER AND METHOD FOR FILLING A FLUIDIC CIRCUIT

Title (de)

ADAPTER UND VERFAHREN ZUM FÜLLEN EINES FLÜSSIGKEITSKREISLAUFS

Title (fr)

ADAPTATEUR ET PROCÉDÉ DE REMPLISSAGE D'UN CIRCUIT FLUIDIQUE

Publication

**EP 3259226 A1 20171227 (FR)**

Application

**EP 16705120 A 20160216**

Priority

- FR 1551279 A 20150216
- EP 2016053285 W 20160216

Abstract (en)

[origin: WO2016131836A1] The invention relates to an adapter and to a method for filling that allows flexibility in the transfer of fluids from a filling cell to a fluidic circuit according to the various fill levels required on a production line, this finding an application notably in the transfer of fluids such as coolant, brake fluid, air conditioning fluid, to the corresponding fluidic circuit of a vehicle, for example on a car assembly line, or even in the field of energy for filling fluid-filled electric radiators. The adapter comprises a pipe (4) connected to the filling cell (16) to draw up filling fluid (5) contained in, and for filling with filling fluid (5), the fluidic circuit (2), and a dip tube (6), secured to a piston (7) that is axially adjustable along an axis Y in a first guide tube (9) having a first and a second end (14) and connected by the first end to the pipe. The piston, with the first guide tube, forms a first chamber able to receive a motion-transmitting liquid (3) via a hydraulic-transfer line (10) so as to allow, through injection or aspiration of motion-transmitting liquid into or from the first chamber, the dip tube to be moved, via the piston, in a first or second direction, along the axis Y, of dipping into or rising up from the fluidic circuit.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2016131836A1

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DOCDB simple family (publication)

**FR 3032699 A1 20160819**; **FR 3032699 B1 20170310**; CN 107428522 A 20171201; CN 107428522 B 20190412; EP 3259226 A1 20171227; EP 3259226 B1 20190403; US 10464804 B2 20191105; US 2018057346 A1 20180301; WO 2016131836 A1 20160825

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