

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

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Application

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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.

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