

Title (en)

INSERT FOR A THERMOSTATIC EXPANSION VALVE, THERMOSTATIC EXPANSION VALVE AND METHOD FOR ASSEMBLING A THERMOSTATIC EXPANSION VALVE

Title (de)

EINSATZ FÜR EIN THERMOSTATISCHES EXPANSIONSVENTIL, THERMOSTATISCHES EXPANSIONSVENTIL UND VERFAHREN ZUR MONTAGE EINES THERMOSTATISCHEN EXPANSIONSVENTILS

Title (fr)

PIÈCE RAPPORTÉE POUR DÉTENDEUR THERMOSTATIQUE, DÉTENDEUR THERMOSTATIQUE ASSOCIÉ ET SON PROCÉDÉ D'ASSEMBLAGE

Publication

**EP 3455565 A1 20190320 (EN)**

Application

**EP 17722785 A 20170511**

Priority

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- EP 2017061274 W 20170511

Abstract (en)

[origin: WO2017194651A1] The invention relates to an insert (1) for a thermostatic expansion valve as a thermostatic expansion valve (2) comprising such an insert and to a method of assembling such a thermostatic expansion valve (2). The insert (1) comprises an expansion valve element (3) and an expansion valve seat (4). The expansion valve element (3) is held inside the insert (1) by a biasing member (5), wherein the insert (1) is structured and arranged to be inserted into a valve housing (8). The task of the invention is to provide an insert for a thermostatic expansion valve that allows a simple assembly of the valve and also provides an improved functionality. The task is solved in that the insert (1) further comprises a control valve (12), wherein the control valve (12) is located in the same flow path through the insert (1) as the expansion valve seat (4).

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2017194651A1

Cited by

US11879676B2

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**EP 2017061274 W 20170511**; CN 201780026547 A 20170511; CN 202110332907 A 20170511; EP 17722785 A 20170511; US 201716099564 A 20170511