

Title (en)  
AN EXPANSION VALVE COMPRISING BIASING MEANS

Title (de)  
EXPANSIONSVENTIL MIT VORSPANNMITTELN

Title (fr)  
SOUPAPE DE DILATATION MUNIE D UN MOYEN DE RAPPEL

Publication  
**EP 2356384 A1 20110817 (EN)**

Application  
**EP 09752272 A 20091111**

Priority  
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Abstract (en)  
[origin: WO2010054655A1] An expansion valve (1) comprising an inlet opening adapted to receive fluid medium in a liquid state and at least two outlet openings (8), each being adapted to deliver fluid medium in an at least partly gaseous state, is disclosed, e.g. for use in a refrigeration system. The expansion valve (1) further comprises a first valve part (2) having at least two valve seats (3) formed therein, each of the valve seats (3) being fluidly connected to one of the outlet openings (8), a second valve part (4), the first valve part (2) and the second valve part (4) being arranged movably relative to each other, and at least two valve elements (5), each valve element (5) being arranged in such a manner that the valve seats (3) and the valve elements (5) pair-wise form at least two valves. Biasing means, e.g. in the form of springs (6), are arranged to bias the valve elements (5) and the valve seats (3) towards a position defining a minimum opening degree of the valves, or towards a position defining a maximum opening degree of the valves.

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