

Title (en)
APPARATUS FOR THE HEATING OR COOLING OF A GASEOUS OR LIQUID MEDIUM

Title (de)
GERÄT ZUM ERHITZEN ODER KÜHLEN EINES GASFÖRMIGEN ODER FLÜSSIGEN MEDIUMS

Title (fr)
APPAREIL POUR CHAUFFER OU REFROIDIR DES MILIEUX GAZEUX OU LIQUIDES

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Abstract (en)
[origin: WO9318351A1] Apparatus for heating or cooling of a gaseous or liquid medium, comprising a heat pump circuit having a structure as known per se, with a compressor, condenser (71), throttle means and evaporator (72). Further the apparatus comprises at least one driving device (77, 78) for the flow of the medium, and a distribution chamber (74) adapted to communicate with the condenser and the evaporator as well as with an inlet (75) or outlet (76) for the medium to or from the distribution chamber. This is provided with an adjustable control member (70) for the flow of the medium in the distribution chamber. The condenser (71) and the evaporator (72) form two substantially mutually opposite main confining surfaces (71A; 72A) of the distribution chamber (74). The inlet (75, 76) or outlet (95, 96) of the distribution chamber is directed substantially in parallel to the main confining surfaces (71A, 72A), and the control member is in the form of a pivotable separating damper blade (70) having two oppositely located edge portions (75A, 75B) which in the two extreme positions of the separating damper blade are adapted to substantially directly engage marginal portions of the respective main confining surfaces (71A, 72A).

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