

Title (en)

MANIFOLD FOR COOLING AGENT, HEAT EXCHANGER, COOLING AGENT CLOSED CIRCUIT AND METHOD FOR PRODUCING A MANIFOLD

Title (de)

SAMMLER FÜR EIN KÄLTEMITTEL, WÄRMETAUSCHER, KÄLTEMITTELKREISLAUF UND VERFAHREN ZUR HERSTELLUNG EINES SAMMLERS

Title (fr)

COLLECTEUR POUR AGENT REFRIGERANT, ECHANGEUR DE CHALEUR, CIRCUIT FERME D'AGENT REFRIGERANT ET PROCEDE DE PRODUCTION D'UN COLLECTEUR

Publication

EP 1537368 A1 20050608 (DE)

Application

EP 03794893 A 20030819

Priority

- DE 10240303 A 20020831
- EP 0309162 W 20030819

Abstract (en)

[origin: DE10338526A1] The air-conditioning system with a cold material condenser (1) incorporates a heat exchanger (2) with flattened tubes (5) with corrugated ribs (6). It has a collection pipe (3) leading to a collector (4) via two openings (7,8). The collector consists of a vertical pipe (9) with a perforated plate (17) at the bottom to support solid cold material (18) and a perforated plate (19) at the top with a loading spring (20) pressing on a fixed top perforated plate (21). The fixed perforated plates are held in position by small inward projections (16,22) in the walls of the vertical pipe.

IPC 1-7

F25B 39/04; **F25B 43/00**

IPC 8 full level

F25B 39/04 (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP US)

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