

Title (en)
REVERSIBLE AIR-CONDITIONING LOOP WITH SIMPLIFIED DESIGN

Title (de)
UMKEHRBARE KLIMAAANLAGENSCHLEIFE MIT VEREINFACHTEM AUFBAU

Title (fr)
BOUCLE DE CLIMATISATION REVERSIBLE A ARCHITECTURE SIMPLIFIEE

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Application
EP 12788214 A 20121121

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Abstract (en)
[origin: WO2013079364A1] The invention relates to an air-conditioning loop (1) through which there flows a refrigerant, comprising a compressor (2), an external heat exchanger (9), a first expansion means (14), a second expansion means (20), an evaporator (15), an internal heat exchanger (19) and control means (5) able to configure the air-conditioning loop (1) for various mode of operation. The control means (5) comprise at least one first shut-off means (6) able to allow and/or prevent all or part of a circulation of the refrigerant, which means is arranged between the compressor (2) and the external heat exchanger (9), and at least one second shut-off means (7) able to allow and/or to prevent all or part of a flow of the refrigerant and arranged between the first shut-off means (6) and the compressor (2).

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