

Title (en)
MODULAR EXCHANGER FOR AUTOMOTIVE REFRIGERATION SYSTEM

Title (de)
MODULARER WANDLER FÜR EIN AUTOMOBIL-KÜHLSYSTEM

Title (fr)
ÉCHANGEUR MODULAIRE POUR UN SYSTÈME DE REFROIDISSEMENT AUTOMOBILE

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Application
EP 08702246 A 20080109

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Abstract (en)
[origin: WO2008087526A2] A modular exchanger (10) for an automotive refrigeration system (1), comprises at least one exchanger pack (11) in turn comprising a battery of stacked exchange plates (20), each exchange plate has a first surface (21) furrowed by a plurality of parallel grooves (22), and a second flat continuous surface (23) opposite to the first, the exchange plates (20), are juxtaposed in such a manner that the grooves (22) of an exchange plate define with the continuous flat surface (23) of a plate laid over the first, a series of parallel pipes (24) for the circulation of the pressurised (Fa) or low pressure (Fb) operating fluid, provided in each of such exchange plates (20) are a plurality of first and second openings (51,52) respectively having the function of inlet/outlet or passing through of the fluid (Fa, Fb), the parallel grooves of each exchange plate (20) are arranged perpendicularly to the ones of the exchange plate arranged above and/or below.

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