

Title (en)
Heat exchange module for vehicles

Title (de)
Wärmetauschermodul für Kraftfahrzeuge

Title (fr)
Module d'échangeur de chaleur pour véhicules

Publication
EP 1867943 B1 20090225 (EN)

Application
EP 06425395 A 20060612

Priority
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Abstract (en)
[origin: EP1867943A1] Heat exchange module (10) for vehicles, comprising: - a radiator (14) having two vertical and parallel collecting tanks (22), - a condenser (16) having two parallel vertical distributor and facing a front face of the radiator (14), - an intercooler (18) positioned underneath the condenser (16) and the radiator (14), and - a fan assembly (20) facing a rear face of the radiator (14) and including a support structure (34) bearing at least one electric fan (36). The radiator (14) has two upper vertical pins (26) that engage respective holes (40) provided on the support structure (34) of the fan assembly (20). A pair of first brackets (42) are fastened by means of horizontal screws (44) to the lower part of the support structure (34) of the fan assembly. The radiator (14) and the intercooler (18) are fastened by means of screws (46) to the first brackets (42). A pair of second brackets (52) are fastened to the intercooler (18). The second brackets (52) are provided with respective vertical pins (56) which engage respective seats provided at the lower ends of the distributors (28) of the condenser (16). The condenser (16) is fastened to the radiator (14) by means of horizontal screws (60).

IPC 8 full level
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