

Title (en)
Heat exchange assembly for vehicles

Title (de)
Wärmetauscheranordnung für Kraftfahrzeuge

Title (fr)
Ensemble échangeur de chaleur pour des véhicules

Publication
EP 1726469 A1 20061129 (EN)

Application
EP 05425375 A 20050527

Priority
EP 05425375 A 20050527

Abstract (en)
A heat exchange assembly for vehicles, comprising: - a radiator (12) comprising a pair of mutually parallel collecting tanks (16, 18) made of plastic material and a tube and fin heat exchange pack (20) with the tubes arranged orthogonally relative to the collecting tanks (16, 18), - a condenser (14) comprising a pair of mutually parallel tubular distributors (22, 24) and a tube and fin heat exchange pack (26) with the tubes arranged orthogonally relative to the distributors (22, 24), and - first engagement formations (28, 30, 54) obtained integrally on the collecting tanks (16, 18) by injection moulding, and - second engagement formations (44, 46, 56) formed by metal flanges fastened to the condenser (14) by braze welding, the first and the second engagement formations (28, 30, 54, 44, 46, 56) co-operating with each other in mutual insertion relationship to define a condition of fastening as a result of a relative motion of the condenser (14) and of the radiator (12) in a direction parallel to the tubes (50, 60).

IPC 8 full level
B60K 11/04 (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)
F28D 1/0443 (2013.01); **F28F 9/002** (2013.01); **F28F 2009/0287** (2013.01); **F28F 2255/143** (2013.01)

Citation (search report)
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