

Title (en)

RADIATOR, ESPECIALLY RADIATOR FOR VEHICLES

Title (de)

KÜHLER, INSBESONDERE KÜHLER FÜR FAHRZEUGE

Title (fr)

RADIATEUR, NOTAMMENT RADIATEUR POUR VEHICULES AUTOMOBILES

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Application

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Abstract (en)

[origin: US2008000437A1] The invention relates to a radiator (10), especially for vehicles, radiator comprising upwardly extending headers (11). Said headers (11) are fluidically interconnected in the longitudinal direction by means of parallel cooling pipes (12). Corrugated ribs (13) are arranged between the cooling pipes (12), the ridge lines (14) thereof extending in the direction of the width (B) of the radiator (10) and lying respectively alternately on both sides of a cooling pipe (12). The inventive radiator is also provided with a lateral metal plate (40) which extends parallel to the cooling pipes (12), on the outside between the headers (11), the width (b) of said plate corresponding essentially to the width (B) of the corrugated ribs (13). According to the invention, the material of the at least one lateral metal plate (40) is weaker in the regions adjacent to the headers (11).

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