

Title (en)
CONDENSER FOR MOTOR VEHICLE.

Title (de)
FAHRZEUGKONDENSATOR.

Title (fr)
CONDENSEUR POUR AUTOMOBILE.

Publication
EP 0447528 A1 19910925 (FR)

Application
EP 90914931 A 19901003

Priority
US 41704989 A 19891004

Abstract (en)
[origin: US4932469A] An improved automotive condenser and method for its production is disclosed, having particular application in cooling utilities wherein resistance to high internal fluid pressures is required. The condenser comprises elongated hollow energy exchange structures extending between header tanks, the hollow structures being formed from opposing elongated plates, undulating in cross-section to form a plurality of longitudinally extending opposing crests and valleys, wherein the opposing valleys are crossed, at a maximum distance between points of crossing valleys of no greater than about 0.2 inches, and said crossing valleys are joined at substantially all crossing points defining longitudinally extending hollow passages between the connected valleys.

Abstract (fr)
Le condenseur comprend des structures d'échange thermique creuses allongées s'étendant entre les boîtes collectrices (11, 12), les structures creuses étant formées par des plaques allongées (19, 20) opposées ondulant en section transversale pour former une pluralité de bosses et creux (21) opposés s'étendant longitudinalement dans lequel les creux opposés se croisent à une distance maximale entre les points des creux se croisant de pas plus de 5,08 mm (0,2 inches) et lesdits creux se croisant étant réunis à tous les points de croisement en définissant des passages creux (22) s'étendant longitudinalement entre les creux reliés.

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