

Title (en)

ZIGZAG BLADE AS RIBBING FOR MOTOR VEHICLE FLAT TUBE HEAT EXCHANGERS

Title (de)

ZICKZACKLAMELLE ALS VERRIPPUNG VON FLACHROHRWÄRMETAUSCHERN BEI KRAFTFAHRZEUGEN

Title (fr)

LAMELLES EN ZIGZAGUE SERVANT DE NERVURES POUR ECHANGEURS DE CHALEUR A TUBES APLATIS POUR VEHICULES A MOTEUR

Publication

**EP 0929782 A1 19990721 (DE)**

Application

**EP 98929282 A 19980505**

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Abstract (en)

[origin: DE19719262A1] A zigzag blade forms a ribbing intercalated between the flat tubes of heat exchangers in motor vehicles. The adjacent zigzag branches (14) of the zigzag blades are arranged with their width in the flow direction (6) of the outer heat exchange fluid and have over their width a series of projecting strips (18) which alternatively project on one side and the other of the branch. According to the invention, the strips (18) form a projecting angle (  $\alpha$  ) in the direction of their width (arrow 6).

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