

Title (en)
HEAT EXCHANGER HAVING A BAFFLE

Title (de)
WÄRMETAUSCHER MIT EINER ABLENKPLATTE

Title (fr)
ÉCHANGEUR DE CHALEUR MUNI DE DÉFLECTEUR

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Application
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Abstract (en)
[origin: WO2016012621A1] The invention relates to a heat exchanger (1) that includes: - parallel stacked tubes (2); - a housing (3) in which the tubes (2) are housed, the tubes (2) being separated from one another so as to configure a coolant passage channel made up of cross-sectional flow areas (4) between tubes (2), said cross-sectional flow areas being adjacent to one another in the stacking direction, and cross-sectional flow areas (5) between the tubes and the housing (3); - baffles (6, 7) for the coolant that are two integral lamellar bodies (6, 7) that are placed within a plane perpendicular to the longitudinal direction and are cut such that each one has a first section (8), capable of partially obstructing a cross-sectional flow area (5) between tubes and housing (3); and - extensions (9) that extend from said first section (8), perpendicular to same, and are capable of obstructing cross-sectional flow areas (4) between tubes (2) which are adjacent to one another in the stacking direction.

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