

Title (en)
AIR COOLER

Title (de)
LUFTKÜHLER

Title (fr)
REFROIDISSEUR D'AIR

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Application
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Abstract (en)
[origin: WO2006088406A1] The present invention relates to an air cooler. The air cooler comprises at least one tubular element (5) with an inside surface (9) which defines a passage (10) for air which is to be cooled in the air cooler, and at least one heat-conducting element (11, 11') which is fastened inside said passage (10) and shaped in such a way as to divide the passage (10) into a plurality of flow paths (12, 12'). A medium at a lower temperature than the air which is to be cooled in the air cooler is caused to flow in contact with an outside surface (8) of the tubular element (5) so that the air in the air cooler undergoes cooling as it is led through said passage (10). The size of the heat-conducting element (11, 11') is such that it occupies only part of the cross-section of the passage (10), thereby forming in a remaining portion of the passage (10) an elongate duct (13, 13') which has a larger cross-sectional area than the cross-sectional areas of the respective flow paths (12, 12') which are formed by the heat-conducting element (11, 11').

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