

Title (en)

DUAL-FLOW AIR/AIR EXCHANGER, APPARATUS FOR PROCESSING AIR AND METHOD FOR PROTECTING SUCH AN EXCHANGER AGAINST ICE AND FOR CLEANING SAME

Title (de)

DOPPELFLUTIGER LUFT/LUFTWÄRMETAUSCHER, VORRICHTUNG ZUR BEHANDLUNG VON LUFT UND VERFAHREN ZUM SCHUTZ SOLCH EINES WÄRMETAUSCHERS VOR EIS UND ZU DESSEN REINIGUNG

Title (fr)

ECHANGEUR AIR/AIR À DOUBLE FLUX, INSTALLATION DE TRAITEMENT D'AIR ET MÉTHODE DE PROTECTION CONTRE LE GIVRE ET DE NETTOYAGE D'UN TEL ÉCHANGEUR

Publication

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Application

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Priority

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- EP 2014076017 W 20141128

Abstract (en)

[origin: CA2931562A1] The invention relates to a counter-current dual-flow air/air exchanger (1) comprising a first network of channels oriented along a longitudinal axis (X-X') of the exchanger (1), suitable for causing a first airflow (F1) to flow in a first direction, and a second network of channels oriented along the longitudinal axis (X-X') of the exchanger (1), suitable for causing a second airflow (F2) to flow in the direction opposite to the first airflow (F1). The exchanger (1) includes devices (10, 12, 14) for reversing the flow direction of the second airflow (F2) in the second network of channels, in such a manner that the first and second airflows (F1, F2) flow in opposite directions, suitable for protecting the exchanger (1) against ice.

IPC 8 full level

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Citation (search report)

See references of WO 2015079046A1

Citation (examination)

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