

Title (en)
COOLING SYSTEM FOR COOLING OF AT LEAST ONE CIRCULATING FLUID, AND A MACHINE COMPRISING THE COOLING SYSTEM

Title (de)
KÜHLSYSTEM ZUM KÜHLEN MINDESTENS EINER ZIRKULIERENDEN FLÜSSIGKEIT SOWIE MASCHINE MIT DEM KÜHLSYSTEM

Title (fr)
SYSTÈME DE REFROIDISSEMENT POUR REFROIDIR AU MOINS UN FLUIDE EN CIRCULATION, ET MACHINE COMPRENANT LE SYSTÈME DE REFROIDISSEMENT

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Application
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Abstract (en)
[origin: WO2010074638A1] The present invention concerns a cooling system for cooling of at least one circulating fluid. The cooling system comprises at least one cooling unit (20) comprising: an air inlet (22) arranged in a first side surface (35); an air outlet (23) arranged in a second side surface (36); a fan for creating an air flow through the unit from the air inlet (22) to the air outlet (23); - a cooling element (30) through which at least one fluid is circulating and which is placed in the air flow through the unit (20). The invention is characterized in that the cooling unit comprises a passage (37), which extends between the air inlet (22) and the air outlet (23) through which the air flow flows and in which the flow direction of the air flow is redirected by a redirection plate (24) so that the air flow in to, and out of, the cooling unit (20) are separated, and that the size of the cross section area in the air inlet (22) and along the passage (37) that extends between the air inlet (22) and the air outlet (23) as well as in the air outlet (23) is mainly constant. The invention also concerns a machine (10) comprising the cooling system according to the invention.

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