Title (en)
Controlling system for cooling fan

Title (de)
Steueranordnung für Lüfter eines Kühlsystems

Title (fr)
Système de commande pour ventilateur de refroidissement

Publication
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Application
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Abstract (en)
A controlling system for a cooling fan according to the present invention includes a fluid-pressure motor for driving the cooling fan; a fluid-pressure pump functioning as a driving source for the fluid-pressure motor; and a controller. The controller determines a target motor speed value by selecting a higher one of required motor speed values respectively corresponding to multiple kinds of fluids to be cooled and controls the fluid-pressure motor so that the motor speed thereof reaches the target motor speed value, each of the required motor speed values being determined from a temperature value of the corresponding fluid detected by a corresponding one of temperature sensors on the basis of a characteristic preliminarily determined by a temperature-versus-motor-speed relationship for the corresponding fluid, the characteristic being set for each kind of fluid.

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Citation (search report)
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