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REFRIGERATOR

Title (de)
KÜHLVORRICHTUNG

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RÉFRIGÉRATEUR

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Application
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Abstract (en)
[origin: EP1826515A1] A refrigerator (1) having a temperature switchable compartment (3) whose interior temperature can be switched among more than one alternatives is provided with: a cooling device (17) for producing cold air; a blower (14) for sending out the cold air produced by the cooling device (17) into the temperature switchable compartment (3); a temperature switchable compartment discharge damper (13) for opening and closing an air introduction path (12) through which the cooling device (17) communicates with the blower (14); and a temperature switchable compartment return damper (20) for opening and closing an air return path (19) through which an outlet port (33b), from which air in the temperature switchable compartment (3) flows out, communicates with the cooling device (17) and opens and closes a communication path (36) through which the outlet port (33b) communicates with the inlet side of the blower (14). When the communication path (36) is closed and the air return path (19) is opened by the temperature switchable compartment return damper (20) and the blower (14) is driven after the temperature switchable compartment discharge damper (13) is opened, cold air is introduced into the temperature switchable compartment (3). When the communication path (36) is opened and the air return path (19) is closed by the temperature switchable compartment return damper (20) and the blower (14) is activated after the temperature switchable compartment discharge damper (13) is closed, the air in the temperature switchable compartment (3) is circulated. In the temperature switchable compartment discharge damper (13), a baffle (42) is arranged closer to the cooling device (17) than an opening (40a) is, so that the baffle (42) is swingable even if moisture condensation occurs on the baffle (42) and the condensed water freezes.

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Citation (search report)
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• [Y] US 2002139135 A1 20021003 - NORITAKE SEIICHIRO [JP]
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