

## **ABSTRACT**

### **REFRIGERATOR**

In a refrigerator, a cooling device compartment includes a cooling device configured to cool refrigerator compartment air sent from a refrigerator compartment and freezer compartment air sent from a freezer compartment. The cooling device compartment further includes a pre-cooling device arranged on an upstream side of the cooling device and configured to perform dehumidification, a defrost heater configured to heat the pre-cooling device, a freezer compartment return port formed at a position at which the freezer compartment air sent from the freezer compartment to the cooling device compartment directly flows toward the cooling device, and a refrigerator compartment return port formed at a position at which the refrigerator compartment air sent from the refrigerator compartment to the cooling device compartment flows toward the pre-cooling device.