

Title (en)  
HEAT EXCHANGER AND REFRIGERATION CYCLE DEVICE

Title (de)  
WÄRMETAUSCHER UND KÜHLZYKLUSVORRICHTUNG

Title (fr)  
ÉCHANGEUR THERMIQUE ET DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication  
**EP 3534103 B1 20201223 (EN)**

Application  
**EP 16920027 A 20161028**

Priority  
JP 2016082072 W 20161028

Abstract (en)  
[origin: EP3534103A1] A heat exchanger that is supplied with air by a fan includes a fin that is plate-shaped, a first heat transfer tube that is flat and extends through the fin, and a second heat transfer tube that is flat and extends through the fin and is disposed at a distance from the first heat transfer tube in a gravity direction. The first heat transfer tube has a first upwind end located upwind and a first downwind end located downwind. The second heat transfer tube has a second upwind end located upwind and a second downwind end located downwind. The fin has an upwind fin end and a downwind fin end. Where the first upwind end and the second upwind end are connected by a first imaginary line and the first downwind end and the second downwind end are connected by a second imaginary line, the fin has an upwind fin region defined by the upwind fin end and the first imaginary line and a downwind fin region defined by the second imaginary line and the downwind fin end. A dimension of the upwind fin region is larger than a dimension of the downwind fin region in a passing direction.

IPC 8 full level  
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CPC (source: EP)  
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Cited by  
EP4328534A4; US11578930B2; CN114450546A; EP4040084A4

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DOCDB simple family (publication)  
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