

Title (en)  
CHILLING UNIT AND AIR CONDITIONER

Title (de)  
KÜHLEINHEIT UND KLIMAAANLAGE

Title (fr)  
UNITÉ DE REFROIDISSEMENT ET CLIMATISEUR

Publication  
**EP 4012292 A1 20220615 (EN)**

Application  
**EP 19940472 A 20190807**

Priority  
JP 2019031087 W 20190807

Abstract (en)  
A chilling unit includes, in a machine chamber, a device included in a refrigerant circuit through which refrigerant is circulated, a plurality of heat-medium heat exchangers, each of which allowing the refrigerant and a heat medium that is a heat delivering medium to exchange heat with each other, a pump that includes a DC motor, the pump being configured to apply a pressure to the heat medium and deliver the heat medium, and a pump control box that includes an electric device driven by DC power, the electric device being configured to drive or control the pump.

IPC 8 full level  
**F25B 1/00** (2006.01); **F24F 5/00** (2006.01)

CPC (source: EP)  
**F24F 5/00** (2013.01); **F24F 5/0003** (2013.01); **F24F 11/83** (2017.12); **F25B 13/00** (2013.01); **F25B 2313/003** (2013.01); **F25B 2400/06** (2013.01); **F25B 2400/075** (2013.01)

Designated contracting state (EPC)  
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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**EP 4012292 A1 20220615**; **EP 4012292 A4 20220810**; JP WO2021024410 A1 20211223; WO 2021024410 A1 20210211

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**EP 19940472 A 20190807**; JP 2019031087 W 20190807; JP 2021538614 A 20190807