

Title (en)

A COOLING UNIT AND A REFRIGERATION DEVICE

Title (de)

KÜHLEINHEIT UND KÜHLVORRICHTUNG

Title (fr)

UNITÉ DE REFROIDISSEMENT ET DISPOSITIF DE RÉFRIGÉRATION

Publication

**EP 3891445 A1 20211013 (EN)**

Application

**EP 19892685 A 20191203**

Priority

- FI 20186046 A 20181204
- FI 2019050866 W 20191203

Abstract (en)

[origin: WO2020115364A1] There is provided a cooling unit (200) for cooling a target system (290), the cooling unit (200) comprising a first part (201) comprising a warm side (212) of a thermoelectric cooler (TEC) (210); a second part (202) comprising a cool side (214) of the TEC (210); a first air blowing means (220) arranged to draw air from surroundings (295) of the cooling unit (200) to the first part (201); and supply air from the first part (201) to the surroundings (295); a second air blowing means (230) arranged to draw air from the target system (290) to the second part (202); and supply air from the second part (202) to the target system (290); an insulation frame (240) arranged to separate the first part (201) of the cooling unit (200) and the second part (202) of the cooling unit (200); and guide the air from the cool side (214) of the TEC (210) to the target system (290).

IPC 8 full level

**F25B 21/02** (2006.01)

CPC (source: EP FI)

**B60H 1/00478** (2013.01 - FI); **F25B 21/02** (2013.01 - EP FI); **F25B 2321/0211** (2013.01 - EP); **F25B 2321/0251** (2013.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

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