

Title (en)
Refrigerator with a condenser

Title (de)
Kältegerät mit einem Verflüssiger

Title (fr)
Appareil frigorifique doté d'un condenseur

Publication
EP 2426445 A3 20161214 (DE)

Application
EP 11176598 A 20110804

Priority
DE 102010039502 A 20100819

Abstract (en)
[origin: EP2426445A2] The apparatus (1) has a heat-insulating inner container (3) comprising a coolable inner space (4) that is cooled by a refrigerant circuit. The refrigerant circuit comprises a condenser i.e. wire tube condenser, arranged outside of the inner container, and an ion wind blower is designed to generate suction airflow that moves heat, generated partially by the condenser, into surrounding area of the apparatus. The condenser is designed as a statically cooled heat exchanger. The blower is arranged above the condenser and designed as a pulsed plasma actuator.

IPC 8 full level
F25D 23/00 (2006.01); **F04D 29/70** (2006.01); **F25B 47/00** (2006.01)

CPC (source: EP)
F04D 29/705 (2013.01); **F25D 23/003** (2013.01); **F25B 47/00** (2013.01); **F25D 2323/00272** (2013.01); **F25D 2323/00284** (2013.01)

Citation (search report)

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- [Y] US 6178765 B1 20010130 - HIRONAKA YASUMASA [JP], et al
- [Y] JP 2008178235 A 20080731 - GREEN TECHNO CO LTD

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 2426445 A2 20120307; EP 2426445 A3 20161214; DE 102010039502 A1 20120223

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