

Title (en)
Chiller unit

Title (de)
Kältekompressoreinheit

Title (fr)
Unité de refroidisseur

Publication
EP 2110627 A3 20170712 (EN)

Application
EP 09004287 A 20090325

Priority
• JP 2008079698 A 20080326
• JP 2008079697 A 20080326

Abstract (en)
[origin: EP2110627A2] In a chiller unit (12) having a chiller unit main body (77) that is disposed to be juxtaposed with an outdoor unit and performs heat-exchange between refrigerant supplied from the outdoor unit and water medium supplied from the outside to generate cold or hot water, a refrigerant pipe and a water medium pipe connected to the plate type heat exchanger (62,62b) are led out to the back surface side of the chiller unit main body (77), a refrigerant pipe of the chiller unit main body (77) and a refrigerant pipe of the outdoor unit are connectable to each other at the back surface side concerned, an electrical component box (78) wounded by a heat insulating member is disposed at the front surface side of the chiller unit main body (77) and an electrically-operated valve (60) for controlling a flow rate of refrigerant is disposed below the electrical component box (78).

IPC 8 full level
F25D 23/00 (2006.01); **F25B 43/04** (2006.01)

CPC (source: EP KR US)
F24F 1/14 (2013.01 - KR); **F24F 1/26** (2013.01 - KR); **F24F 1/46** (2013.01 - KR); **F25D 23/00** (2013.01 - EP US); **F25D 23/006** (2013.01 - US); **F25D 17/02** (2013.01 - EP US); **F25D 29/005** (2013.01 - EP US)

Citation (search report)
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• [A] US 6238282 B1 20010529 - KINDEL TODD M [US], et al
• [A] US 5187950 A 19930223 - WELDON MARK P [US]
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EP3165849A4

Designated contracting state (EPC)
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 SE SI SK TR

Designated extension state (EPC)
AL BA RS

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EP 2110627 A2 20091021; **EP 2110627 A3 20170712**; KR 101127348 B1 20120412; KR 20090102683 A 20090930; US 2009242172 A1 20091001

DOCDB simple family (application)
EP 09004287 A 20090325; KR 20090025171 A 20090325; US 38239309 A 20090316