

Title (en)
AIR CONDITIONER

Title (de)
KLIMAANLAGE

Title (fr)
CLIMATISEUR

Publication
EP 3040655 A1 20160706 (EN)

Application
EP 14867837 A 20141117

Priority
• JP 2013249294 A 20131202
• JP 2014080366 W 20141117

Abstract (en)
In this air conditioner, at least one indoor unit (3A, 3B) is connected to an outdoor unit (2) via crossover gas piping (4) and crossover liquid piping (5), and a gas-side shutoff valve (36) and a liquid-side shutoff valve (35) are provided in the crossover gas piping (4) and the crossover liquid piping (5) in the vicinity of a gas-side operation valve (19) and a liquid-side operation valve (20) provided in a coolant circuit (22) of the outdoor unit (2). An outdoor control device (27) is equipped with: an emergency shutdown control function for closing the liquid-side shutoff valve (35) in response to an emergency shutoff signal, causing operation to continue as a cooling cycle and, upon a low-pressure reaching a set pressure, closing the gas-side shutoff valve (36) and stopping the operation of the air conditioner (1); and an output terminal (37) for outputting a shutoff signal to the gas-side shutoff valve (36) and the liquid-side shutoff valve (35).

IPC 8 full level
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CPC (source: EP)
F25B 13/00 (2013.01); **F25B 49/005** (2013.01); **F25B 2313/0233** (2013.01); **F25B 2313/02741** (2013.01); **F25B 2400/13** (2013.01); **F25B 2700/1931** (2013.01); **F25B 2700/1933** (2013.01)

Cited by
EP3637016A4; US11209195B2; US11002467B2; US11248829B2; US11609031B2

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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