Title (en)
   AIR CONDITIONER

Title (de)
   KLIMAANLAGE

Title (fr)
   CLIMATISEUR

Publication
   EP 2019950 A1 20090204 (EN)

Application
   EP 07746591 A 20070518

Priority
   • KR 2007002443 W 20070518
   • KR 20060045429 A 20060520

Abstract (en)
   [origin: WO2007136204A1] Provided is an air conditioner. According to the air conditioner, an installation structure of an indoor heat exchanger installed inside the air conditioner is improved, so that the air conditioner become slim and an installation space for additional devices such as a filter can be secured. According to the air conditioner, the indoor heat exchanger divides a passage of air introduced into a main unit into an upper passage and a lower passage, so that interference between the upper and lower passages can be minimized, and thus operation efficiency of the air conditioner can improve. Also, a space of a predetermined size is formed between the indoor heat exchanger and air intake holes to receive a predetermined device such as a filter and a negative ion generator that can give a separate function to the air conditioner.

IPC 8 full level
   F24F 1/00 (2011.01); **F24F 1/0063** (2019.01); **F24F 1/0067** (2019.01); **F24F 1/0073** (2019.01)

CPC (source: EP KR US)
   F24F 1/0014 (2013.01 - EP US); **F24F 1/0033** (2013.01 - EP US); **F24F 1/0057** (2019.01 - EP US); **F24F 1/0063** (2019.01 - EP US);
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   F24F 13/22 (2013.01 - KR); **F24F 13/30** (2013.01 - KR); F24F 1/0025 (2013.01 - EP US)

Designated contracting state (EPC)
   AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
   AL BA HR MK RS

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   KR 2007002443 W 20070518; CN 200780018525 A 20070518; EP 07746591 A 20070518; KR 20060045429 A 20060520;
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