

Title (en)
Air conditioner with illumination

Title (de)
Klimaanlage mit Beleuchtung

Title (fr)
Climatiseur avec illumination

Publication
EP 2813768 A1 20141217 (EN)

Application
EP 14152133 A 20140122

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KR 20130068565 A 20130614

Abstract (en)
An air conditioner of the present invention includes: a body (1) for taking indoor air inside through an air intake port, conditioning the air, and discharging the air to an air discharge port(6,8); and an illumination panel (2) on the body (1), wherein the illumination panel (2) includes: an illumination panel base (50); a first cover (60) on the illumination panel base (50); a light emitting unit (70) for emitting light outward between the illumination panel base (50) and the first cover (60), between the illumination panel base (50) and the first cover (60); a second cover (80) having a gap (78) between the first cover (60) and the second cover (80); and a reflector (90) for reflecting the light emitted from the light emitting unit (70) to the front of the first cover (60) through the gap, such that it has the advantage in that it can show a clear illumination pattern on the front of the first cover (60) while preventing the light emitting unit (70) from being seen from the outside.

IPC 8 full level
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CPC (source: EP KR US)
F24F 1/00 (2013.01 - KR); **F24F 1/0047** (2019.01 - EP US); **F24F 13/078** (2013.01 - KR); **F24F 13/20** (2013.01 - KR); **F21S 8/04** (2013.01 - EP); **F21V 7/0008** (2013.01 - EP); **F21V 7/0058** (2013.01 - EP); **F24F 2221/02** (2013.01 - EP); **F24F 2221/26** (2013.01 - EP)

Citation (search report)
• [A] EP 2602563 A1 20130612 - LG ELECTRONICS INC [KR]
• [A] US 2010321919 A1 20101223 - YANG HAITAO [US]

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CN105163422A

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EP 2813768 A1 20141217; **EP 2813768 B1 20160427**; CN 104236049 A 20141224; CN 104236049 B 20170426; KR 102053144 B1 20191206; KR 20140146283 A 20141226

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