

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Climatiseur

Publication
EP 2602563 A1 20130612 (EN)

Application
EP 12194257 A 20121126

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• KR 20110138505 A 20111220
• KR 20120052588 A 20120517

Abstract (en)
The present invention provides an air conditioner including: a main body (4) having intake ports (2) and a space (3); and a discharge body (5) disposed in the space (3), in which the discharge body (5) includes an opening (G) having a discharge space, and an air discharge port (L) disposed around the opening (G) and guiding the air to the discharge space, such that the discharge body can be simple seen and the discharge space can keep clean.

IPC 8 full level
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Citation (search report)
• [XAI] US 5029451 A 19910709 - IMAIIDA TSUYOSHI [JP], et al
• [X] KR 101039768 B1 20110609 - HUH MAN SEUNG [KR]
• [X] WO 2011108814 A2 20110909 - SWING AIR CON CO LTD [KR], et al
• [X] WO 02103252 A2 20021227 - LG ELECTRONICS INC [KR], et al
• [X] EP 1804004 A2 20070704 - LG ELECTRONICS INC [KR]

Cited by
US9618260B2; EP3249308A4; EP2827072A1; US2015022996A1; EP2813768A1; JP2016095095A; JP2020501100A; US12000621B2; WO2021100921A1; US10746432B2; US10837659B2; WO2022257307A1

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