

Title (en)
OUTDOOR UNIT FOR AIR CONDITIONER

Title (de)
AUSSENEINHEIT FÜR KLIMAANLAGE

Title (fr)
UNITE EXTERIEURE POUR CONDITIONNEUR D'AIR

Publication
EP 1956307 A4 20130306 (EN)

Application
EP 06822483 A 20061027

Priority
• JP 2006321522 W 20061027
• JP 2005318921 A 20051101
• JP 2006042557 A 20060220

Abstract (en)
[origin: EP1956307A1] An outdoor unit capable of reducing pressure loss due to the presence of a fan guard and improving the performance of an air conditioner is provided. An outdoor unit of an air conditioner includes an outdoor fan, an air discharge port, and a fan guard (30). The fan guard (30) covers the air discharge port, and has a spaced away portion (31) that is at least 100 mm away from the outdoor fan. In addition, the spaced away portion (31) has a first opening (OP1) whose minimum width is at least 15 mm.

IPC 8 full level
F24F 1/38 (2011.01); **F04D 29/70** (2006.01); **F24F 1/40** (2011.01); **F24F 1/50** (2011.01); **F24F 1/56** (2011.01)

CPC (source: EP KR US)
F04D 29/705 (2013.01 - EP KR US); **F24F 1/38** (2013.01 - EP KR US); **F24F 1/40** (2013.01 - EP KR US); **F24F 1/50** (2013.01 - EP KR US); **F24F 1/56** (2013.01 - EP KR US); **F24F 13/082** (2013.01 - KR); **F24F 13/082** (2013.01 - EP US); **F25B 2313/023** (2013.01 - KR)

Citation (search report)
• [Y] JP S60125475 U 19850823
• [Y] JP 2002195637 A 20020710 - RICOH ELEMEX CORP
• [A] DE 3228395 A1 19840202 - HITACHI LTD [JP]
• [A] JP H08226674 A 19960903 - SANYO ELECTRIC CO

Cited by
FR3013807A1; EP2549194A1; CN112097329A; EP3252387A1; US11519615B2; US11566815B2; US11435110B2; WO2019114945A1; US11841148B2; US11879647B2

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EP 1956307 A1 20080813; **EP 1956307 A4 20130306**; **EP 1956307 B1 20140625**; AU 2006309888 A1 20070510; AU 2006309888 B2 20091210; JP 2007147248 A 20070614; JP 4323489 B2 20090902; KR 100948776 B1 20100324; KR 20080066038 A 20080715; US 2009277205 A1 20091112; WO 2007052560 A1 20070510

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