

Title (en)
Air conditioner

Title (de)
Klimaanlage

Title (fr)
Dispositif de conditionnement d'air

Publication
EP 1632727 A3 20100811 (EN)

Application
EP 05253773 A 20050617

Priority
KR 20040071240 A 20040907

Abstract (en)
[origin: EP1632727A2] A structure of a discharge grill for an indoor unit of an air conditioner includes a vane for adjusting a movement of a discharge air to up and down, a louver disposed at one side of the vane for adjusting a movement of a discharge air to left and right, a supporter connected to one side of the louver, a link connected to one side of the supporter and extended on a same plane of the supporter, and a fixing groove formed on the other side of the link and to which an external force is applied.

IPC 8 full level
F24F 1/00 (2011.01)

CPC (source: EP KR US)
F24F 1/0011 (2013.01 - EP KR US); **F24F 1/0057** (2019.01 - EP US); **F24F 13/14** (2013.01 - KR); **F24F 13/222** (2013.01 - KR); **F24F 1/0025** (2013.01 - EP US); **F24F 13/1426** (2013.01 - EP US)

Citation (search report)

- [X] US 3257931 A 19660628 - LUPTON OTIS L
- [X] US 4738116 A 19880419 - HIMENO YASUNORI [JP], et al
- [X] AU 546093 B2 19850815 - CARDIFF S PTY LTD
- [A] US 5186387 A 19930216 - DOI SHIGETOSHI [JP], et al
- [A] US 5738580 A 19980414 - BAEK CHUL-HO [KR]
- [A] US 5129859 A 19920714 - YAGI SHIGERU [JP]

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1632727 A2 20060308; **EP 1632727 A3 20100811**; CN 100451475 C 20090114; CN 1746584 A 20060315; KR 101192107 B1 20121016; KR 20060022424 A 20060310; US 2006053824 A1 20060316

DOCDB simple family (application)
EP 05253773 A 20050617; CN 200510091457 A 20050812; KR 20040071240 A 20040907; US 15361005 A 20050616