

Title (en)
PORTABLE AIR CONDITIONER

Title (de)
TRAGBARE KLIMAANLAGE

Title (fr)
CONDITIONNEUR D'AIR PORTABLE

Publication
EP 1706675 B1 20080109 (EN)

Application
EP 03781045 A 20031230

Priority
KR 0302885 W 20031230

Abstract (en)
[origin: WO2005064241A1] The present invention discloses a portable air conditioner which can individually provide a cool air current to each user and which can be easily moved due to a small size. The portable air conditioner generates cool air by performing heat absorption in the heat absorption unit (60) of a thermoelectric module (50), and improves cooling efficiency by performing radiation in the radiation unit (70) of it by evaporation and cooling. A weight and size of the air conditioner are so reduced that the user can use the air conditioner when he/or she moves. In addition, a compressor is not used to prevent noises and vibrations, so that the user can pleasantly use the portable air conditioner. Cooling is controlled for each user, to improve users' satisfaction.

IPC 8 full level
F24F 5/00 (2006.01); **F25B 21/02** (2006.01)

CPC (source: EP)
F24F 5/0042 (2013.01); **F25B 21/02** (2013.01); **F25B 2321/021** (2013.01); **F25B 2321/0251** (2013.01)

Cited by
CN103629763A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 2005064241 A1 20050714; AT E383550 T1 20080115; AU 2003289570 A1 20050721; DE 60318639 D1 20080221; EP 1706675 A1 20061004; EP 1706675 B1 20080109; ES 2298600 T3 20080516

DOCDB simple family (application)
KR 0302885 W 20031230; AT 03781045 T 20031230; AU 2003289570 A 20031230; DE 60318639 T 20031230; EP 03781045 A 20031230; ES 03781045 T 20031230