

Title (en)
Silencer for air conditioner

Title (de)
Schalldämpfer für Klimaanlage

Title (fr)
Silencieux pour conditionneur d'air

Publication
EP 1291593 B1 20070221 (EN)

Application
EP 02019132 A 20020829

Priority
JP 2001263259 A 20010831

Abstract (en)
[origin: EP1291593A2] In a refrigeration cycle including an indoor unit heat exchanger, an outdoor unit heat exchanger, and a throttling device (24,34,44,54), a silencer (21,31,41,51) having a filter (22,32,42,52) formed by compressing a single metal wire or un-cut strand wire inside is disposed. The silencer (21,31,41,51) suppresses noise released from the throttling device (24,34,44,54). The silencer (21,31,41,51) prevents adverse effects of dust generated in the refrigeration cycle on the refrigeration cycle. <IMAGE>

IPC 8 full level
F25B 13/00 (2006.01); **F25B 41/00** (2006.01); **F25B 43/00** (2006.01); **F25B 41/06** (2006.01)

CPC (source: EP KR US)
F25B 13/00 (2013.01 - KR); **F25B 43/003** (2013.01 - EP US); **F25B 2500/12** (2013.01 - EP)

Cited by
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Designated contracting state (EPC)
ES GR IT

DOCDB simple family (publication)
EP 1291593 A2 20030312; **EP 1291593 A3 20040204**; **EP 1291593 B1 20070221**; CN 1206488 C 20050615; CN 1407290 A 20030402; CN 2567499 Y 20030820; JP 2003075027 A 20030312; KR 20030019877 A 20030307

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EP 02019132 A 20020829; CN 02128208 A 20020802; CN 02242427 U 20020802; JP 2001263259 A 20010831; KR 20020048858 A 20020819