

Title (en)
Cooling element

Title (de)
Kühlelement

Title (fr)
Élément de refroidissement

Publication
EP 1777469 A1 20070425 (DE)

Application
EP 05022663 A 20051018

Priority
EP 05022663 A 20051018

Abstract (en)
The cooling element has a housing defined underneath by a perforated plate (12) and containing an air chamber (21) which is in air flow connection with a cooling area (24) of the plate which occupies only a part of the surface area of same whilst the remaining area (25) is separated from the air chamber in airtight manner and can be used for noise insulation plates (29) or speakers. The air chamber can be defined by a partition wall of ferromagnetic material to connect through magnets with the perforated plate which is also made of ferromagnetic material. A continuous magnetic strip (18) can contact both the partition and plate.

IPC 8 full level
F24F 13/068 (2006.01); **F24D 3/16** (2006.01); **F24F 5/00** (2006.01)

CPC (source: EP)
F24F 5/0089 (2013.01); **F24F 5/0092** (2013.01); **F24F 13/068** (2013.01); **F24F 13/24** (2013.01); **F24F 2013/242** (2013.01)

Citation (search report)

- [X] US 3482505 A 19691209 - SAWYER ANDREW H, et al
- [X] US 3074339 A 19630122 - GIANCARLO PENNATI
- [X] GB 1206349 A 19700923 - SULZER AG [CH]
- [DA] WO 2005054754 A1 20050616 - BARCOL AIR [CH], et al

Cited by
EP2685021A3; EP2679916A1; CH706699A1; DE202006016723U1; EP3361175A1; WO2015079289A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

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