

Title (en)  
Cooling device

Title (de)  
Kühlvorrichtung

Title (fr)  
Dispositif de refroidissement

Publication  
**EP 0797054 A3 19980325 (DE)**

Application  
**EP 97104081 A 19970311**

Priority  
DE 19610518 A 19960318

Abstract (en)  
[origin: EP0797054A2] The air to be cooled is blown through the chambers and is supplied from a fan (50) through a semi-cylindrical air flow housing (60) conducting the air current and connecting the cooling chambers (10,20). A heat exchanger (30) extends over the two air chambers. The air to be cooled flows through the heat exchanger in a crosswise counter-current. The air-current housing contains sound-proofing elements such as an absorbent layer (70). At least one air conductor element in the form of a plate-type grid (40) is positioned on air inlets or outlets (11,23).

IPC 1-7  
**F24F 1/00**

IPC 8 full level  
**F24F 1/0047** (2019.01); **F24F 1/0038** (2019.01); **F28F 9/22** (2006.01)

CPC (source: EP US)  
**F24F 1/0038** (2019.01 - EP US); **F24F 1/0047** (2019.01 - EP US)

Citation (search report)

- [A] US 2008255 A 19350716 - LARKIN LESTER U
- [A] DE 4016563 A1 19911128 - SCHAKO METALLWARENFABRIK [DE]
- [A] US 2481625 A 19490913 - SARCHET THOMAS H
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 147 (M - 1575) 11 March 1994 (1994-03-11)

Cited by  
JPWO2016203814A1; WO2016203814A1

Designated contracting state (EPC)  
AT BE CH DE ES FR GB LI NL

DOCDB simple family (publication)  
**EP 0797054 A2 19970924; EP 0797054 A3 19980325; EP 0797054 B1 20030122**; AT E231602 T1 20030215; DE 19610518 C1 19970626; DE 59709169 D1 20030227

DOCDB simple family (application)  
**EP 97104081 A 19970311**; AT 97104081 T 19970311; DE 19610518 A 19960318; DE 59709169 T 19970311