

Title (en)
Hood ventilation apparatus

Title (de)
Dunstabzugshaube

Title (fr)
Hotte aspirante

Publication
EP 1672285 B1 20170322 (EN)

Application
EP 05027747 A 20051219

Priority
KR 20040108799 A 20041220

Abstract (en)
[origin: EP1672285A1] A hood ventilation apparatus comprises a hood including a main body installed above a cooking source and having a suction opening into which air containing cooking by-products is sucked at a lower surface thereof, and an exhaust duct extending to an upper side of the main body and exhausting the sucked air, a first blower mounted in the exhaust duct, for generating a suction force to suck air into the hood, a walljet guiding member installed at an outer circumference of the main body, for allowing air from the inside of the hood to flow along a surface of the walljet guiding member and a second blower provided in the main body, for supplying air to the walljet guiding member, whereby pollutants discharged to an outer circumferential surface of the hood can effectively be collected, a collecting efficiency can be increased even using a small amount of discharged air, and cooking pleasantness can be improved by preventing the pollutants from being spread to a face of a user who cooks.

IPC 8 full level
F24C 15/20 (2006.01)

CPC (source: EP KR)
F24C 15/20 (2013.01 - EP); **F24F 7/06** (2013.01 - KR)

Cited by
DE102007039635A1; CN114763918A; DE102007039634A1; DE102007039633A1; EP1757865A3; WO2008113664A3; WO2009024513A1

Designated contracting state (EPC)
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EP 1672285 A1 20060621; EP 1672285 B1 20170322; AU 2005244606 A1 20060706; AU 2005244606 B2 20070712;
CN 100432545 C 20081112; CN 1811279 A 20060802; KR 100608704 B1 20060808; KR 20060070152 A 20060623

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EP 05027747 A 20051219; AU 2005244606 A 20051219; CN 200510136921 A 20051220; KR 20040108799 A 20041220