

Title (en)

Exhaust apparatus for cooking and mounting method thereof

Title (de)

Kochabzugseinrichtung und Verfahren zu deren Montage

Title (fr)

Dispositif d'évacuation d'une installation de cuisson et son procédé de montage

Publication

EP 0762061 A1 19970312 (EN)

Application

EP 96113860 A 19960829

Priority

JP 22144795 A 19950830

Abstract (en)

The cooking exhaust apparatus according to the present invention comprises: a smoke collecting hood (4) arranged just above a range (3) of a cooking equipment (2); an exhaust blower (6) connected to the upper portion of the smoke collecting hood (4) for exhausting smoke generated by the range (3) and collected by the smoke collecting hood (4); and an air chamber (5) interposed between the smoke collecting hood (4) and the exhaust blower (6) having a tubular body with a lower end inlet (5') connected to an upper exhaust port (4') of the smoke collecting hood (4) and an upper end outlet (5'') connected to a lower drawing port (6') of the exhaust blower (6). The inner diameter of the tubular body of the air chamber (5) is greater than those of the lower end inlet (6') and the upper end outlet (6''). <IMAGE>

IPC 1-7

F24C 15/20

IPC 8 full level

F24C 15/20 (2006.01)

CPC (source: EP)

F24C 15/20 (2013.01)

Citation (search report)

- [X] US 4235220 A 19801125 - HEPNER ROBERT J [US]
- [X] US 4098174 A 19780704 - LANDY JEROME J
- [A] US 3889581 A 19750617 - BRAY SR WILLIAM W
- [A] FR 2584630 A1 19870116 - FRITSCH SA [FR]
- [A] US 4084947 A 19780418 - EAR FRANK P

Cited by

ES2162599A1; AU2004287984B2; US2015114384A1; US9599351B2; US2017184313A1; US9581337B2; WO2005045323A1; US10001284B2; US10816219B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0762061 A1 19970312; AU 6430996 A 19970306; AU 711120 B2 19991007

DOCDB simple family (application)

EP 96113860 A 19960829; AU 6430996 A 19960827