

Title (en)
KITCHEN ASSEMBLY AND METHOD FOR GENERATING AN AIR STREAM

Title (de)
KÜCHENANORDNUNG UND VERFAHREN ZUM ERZEUGEN EINES LUFTSTROMS

Title (fr)
ENSEMBLE CUISINE ET PROCÉDÉ POUR PRODUIRE UN FLUX D'AIR

Publication
EP 3358259 A1 20180808 (EN)

Application
EP 17154421 A 20170202

Priority
EP 17154421 A 20170202

Abstract (en)
Kitchen assembly (1) comprising a hob (2) positioned on a counter top (3), said hob (2) having at least one hotplate or cook-top (4), said assembly (1) further comprising a hood (5) arranged above said hob (2), said hood (5) being connected to suction means (6) for creating an air suction field (7) between said hob (2) and said hood (5), and said assembly (1) further comprising air jet means (8) arranged at said hotplate or cook-top (4) for creating an air stream (9), wherein said air stream (9) is directed towards said hob (2) and is adapted to reach said suction field (7), wherein said air jet means (8) comprise at least one nozzle (10), wherein said nozzle (10) is connected to a pumping member (11) for repeatedly and alternately sucking in ambient air through said nozzle (10) and blowing out said air through said nozzle (10) to create said air stream (9).

IPC 8 full level
F24C 15/20 (2006.01)

CPC (source: EP)
F24C 15/2028 (2013.01)

Citation (applicant)
• EP 1696180 A2 20060830 - WALDNER LABOR & SCHULEINRICHTUNGEN GMBH [DE]
• EP 2175204 A1 20100414 - HUANG RONG FUNG [TW]

Citation (search report)
• [AD] EP 1696180 A2 20060830 - WALDNER LABOR & SCHULEINRICHTUNGEN GMBH [DE]
• [A] FR 3012579 A1 20150501 - LE FAUCHEUR RICHARD [FR]
• [A] US 2013220299 A1 20130829 - LEE SHUEI YUAN [CN], et al
• [A] WO 2013129786 A1 20130906 - JIN NAM GI [KR]

Cited by
CN112303671A; WO2023135344A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3358259 A1 20180808; EP 3358259 B1 20200129; CN 110177978 A 20190827; WO 2018141536 A1 20180809

DOCDB simple family (application)
EP 17154421 A 20170202; CN 201880006878 A 20180115; EP 2018050861 W 20180115