

Title (en)
BURNER ASSEMBLY FOR COOKING EQUIPMENTS

Title (de)
BRENNEREINHEIT FÜR DIE KÜCHE

Title (fr)
BRÛLEUR POUR EQUIPEMENTS DE CUISINE

Publication
EP 2751486 A1 20140709 (EN)

Application
EP 12765981 A 20120828

Priority
• BR PI1104482 A 20110902
• BR 2012000319 W 20120828

Abstract (en)
[origin: WO2013029138A1] The present invention relates to a burner assembly for cooking equipments that has been designed to provide significant improvement in thermal efficiency of the burner and making easier the cleaning process by the user. The burner assembly comprises a base (2) upon which a spreading cover (3) rests, and wherein the coupling of the spreading cover (3) on the base (2) originates one internal chamber of expansion (4) of air-fuel mixture which is released through porticos existing under the perimeter edge of the spreading cover (3), and wherein the base (2) comprises in its internal region at least one feeding orifice (22); the spreading cover (3) comprises at least one perimeter ring (31) cooperating with the base (2) and at least one disc (32) cooperating with the perimeter ring (31) and the burner assembly (1) comprises at least one internal chamber of mixture (4) cooperating with the porticos of the spreading cover (3).

IPC 8 full level
F24C 3/08 (2006.01); **F23D 14/06** (2006.01); **F23D 14/08** (2006.01); **F23D 14/34** (2006.01)

CPC (source: EP US)
F23D 14/06 (2013.01 - EP US); **F23D 14/065** (2013.01 - EP US); **F23D 14/08** (2013.01 - EP US); **F23D 14/085** (2013.01 - EP US); **F23D 14/34** (2013.01 - US); **F24C 3/08** (2013.01 - US); **F23D 2900/14062** (2013.01 - EP US)

Citation (search report)
See references of WO 2013029138A1

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

DOCDB simple family (publication)
WO 2013029138 A1 20130307; WO 2013029138 A8 20140410; BR PI1104482 A2 20130813; EP 2751486 A1 20140709; EP 2751486 B1 20160210; MX 2014002456 A 20140410; MX 338811 B 20160429; US 2014318527 A1 20141030

DOCDB simple family (application)
BR 2012000319 W 20120828; BR PI1104482 A 20110902; EP 12765981 A 20120828; MX 2014002456 A 20120828; US 201214342252 A 20120828