

Title (en)
Device for treating and preparing foodstuffs with gas combustion heating

Title (de)
Gerät zum Behandeln und Zubereiten von Nahrungsmitteln mit gasbefeuerter Heizung

Title (fr)
Appareil pour traitement et préparation d'aliments avec réchauffage à gaz

Publication
EP 1340945 B2 20090826 (DE)

Application
EP 02004761 A 20020301

Priority
EP 02004761 A 20020301

Abstract (en)
[origin: EP1340945A1] The appliance for the treatment and preparation of foodstuffs has a cooking chamber with a motor driven fan (9) to circulate the atmosphere prevailing within the chamber, a burner (31), and a heat exchanger unit (29) encompassing the fan. The heat exchanger unit has a piping arrangement with at least two and possibly three sets of piping (41) which extend continuously in the fashion of a border or loop around the fan. The pipes extend generally along all four sides of the cooking chamber but not along the burner. An Independent claim is included for a heat exchanger for the aforesaid appliance.

IPC 8 full level
F24C 15/32 (2006.01); **F28F 13/12** (2006.01); **F24C 1/00** (2006.01); **F28D 1/047** (2006.01)

CPC (source: EP US)
F24C 15/322 (2013.01 - EP US)

Citation (opposition)
Opponent :
US 5556566 A 19960917 - CAPPELLO MASSIMO [IT], et al

Cited by
EP2420744A1; ITTO20090112A1; ITTO20100632A1; DE202004016446U1; CN110715520A; US9372005B2; WO2012022546A1;
WO2010094690A1; WO2012012479A1; DE202008010227U1; DE102009035541A1

Designated contracting state (EPC)
BE DE DK IT NL

DOCDB simple family (publication)
EP 1340945 A1 20030903; EP 1340945 B1 20061011; EP 1340945 B2 20090826; DE 50208407 D1 20061123; DK 1340945 T3 20070219;
DK 1340945 T4 20100125; JP 2003262339 A 20030919; US 2003164096 A1 20030904; US 7325480 B2 20080205

DOCDB simple family (application)
EP 02004761 A 20020301; DE 50208407 T 20020301; DK 02004761 T 20020301; JP 2003054629 A 20030228; US 37538203 A 20030227