

Title (en)

Combined microwave and forced convection oven.

Title (de)

Kombinierter Mikrowellen- und gezwungener Konvektionsofen.

Title (fr)

Four combiné à micro-ondes et à convection forcée.

Publication

**EP 0429822 B1 19940720 (EN)**

Application

**EP 90119715 A 19901015**

Priority

IT 4579789 A 19891129

Abstract (en)

[origin: EP0429822A1] The present invention relates to an oven for food cooking, particularly for community kitchens, wherein two or more magnetrons arranged externally to the side walls propagate the microwave radiation from the entire height of said side walls toward the interior of the cooking chamber affecting a plurality of food containing pans or shelves contemporaneously present inside said cooking chamber and disposed one atop the other at different heights. An oven capable of achieving the cooking function in the microwave mode and contemporaneously in the forced convection and/or steam mode for the foods contained in said plurality of superposed pans. <IMAGE>

IPC 1-7

**H05B 6/80**

IPC 8 full level

**H05B 6/80** (2006.01)

CPC (source: EP)

**H05B 6/6426** (2013.01); **H05B 6/6473** (2013.01); **H05B 6/802** (2013.01)

Citation (examination)

EP 0068161 A1 19830105 - BUDERUS AG [DE]

Cited by

US8011293B2; US7886658B2; DE102014106029A1; CN107490030A; EP1676465A4; CN111182669A; EP1670290A1; CN107397452A; DE102014106031A1; AU773859B2; US10425999B2; US7507938B2; US8113190B2; US11523474B2; DE102017127172A1; WO2006099394A1; WO2018132307A1; WO03061110A1; WO0064219A1; WO0015019A3; US10674570B2; US11729871B2; US9609692B2; US10405380B2; US10999901B2; US7946224B2; US10098375B2; US11129245B2; EP1534999B1; WO2004014139A2; US7360533B2; US7087872B1; EP2187704A1; US9351495B2; US9872345B2; US10080264B2; US10492247B2; US10687395B2; US11057968B2; US11653425B2; EP0698768A1; EP0701388A2; EP1542511B2

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