

Title (en)

METHOD FOR BROWNING FOODS IN A MICROWAVE OVEN

Publication

**EP 0000955 B1 19810902 (EN)**

Application

**EP 78100788 A 19780830**

Priority

US 82907477 A 19770830

Abstract (en)

[origin: US4181744A] A method for effectively browning foods in a microwave oven by controlling the humidity of the cooking environment. Humidity and temperature sensors are provided to measure the relative humidity of the environment surrounding a foodstuff to be browned as the food is cooked by microwave energy. The actual sensed conditions are compared with a predetermined optimum relative humidity. Adjustments to the relative humidity are then made by either increasing or decreasing the air exchange rate, or by increasing or decreasing the amount of heat added to the air exchanged, or both.

IPC 1-7

**H05B 6/68**; **G05D 22/02**

IPC 8 full level

**G05D 22/02** (2006.01); **H05B 6/68** (2006.01)

CPC (source: EP US)

**G05D 22/02** (2013.01 - EP US); **H05B 6/645** (2013.01 - EP US); **H05B 6/6458** (2013.01 - EP US); **H05B 6/6482** (2013.01 - EP US)

Cited by

US4379964A; FR2645249A1; EP0066637A1

Designated contracting state (EPC)

BE DE FR GB LU NL SE

DOCDB simple family (publication)

**EP 0000955 A1 19790307**; **EP 0000955 B1 19810902**; AU 3930778 A 19800306; AU 520662 B2 19820218; CA 1117190 A 19820126; DE 2861015 D1 19811126; US 4181744 A 19800101

DOCDB simple family (application)

**EP 78100788 A 19780830**; AU 3930778 A 19780828; CA 310265 A 19780829; DE 2861015 T 19780830; US 82907477 A 19770830