

Title (en)
HIGH FREQUENCY HEATING DEVICE.

Title (de)
HOCHFREQUENZ-HEIZVORRICHTUNG.

Title (fr)
DISPOSITIF DE CHAUFFAGE A HAUTE FREQUENCE.

Publication
EP 0093173 A4 19840427 (EN)

Application
EP 82901429 A 19820513

Priority
JP 17883281 A 19811106

Abstract (en)
[origin: WO8301675A1] A high frequency heating device which detects variations in moisture and temperature in the vapor produced by heating food (14) in a heating chamber (13) by using a temperature and relative humidity detector (17), converts them into relative and absolute humidities to determine whether the variation in the absolute humidity has reached a predetermined level, thereby automatically heating or cooling the food. Since this device has a single detector, it produces less error due to detecting errors and changes with time, thereby performing an accurate detection.

IPC 1-7
F24C 7/08; **H05B 6/68**

IPC 8 full level
F24C 7/02 (2006.01); **H05B 6/68** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)
H05B 6/6405 (2013.01); **H05B 6/642** (2013.01); **H05B 6/645** (2013.01); **H05B 6/6458** (2013.01)

Citation (search report)

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- [Y] EP 0033520 A2 19810812 - MATSUSHITA ELECTRIC IND CO LTD [JP]
- [A] EP 0000959 A1 19790307 - LITTON SYSTEMS INC [US]
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Designated contracting state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
JP 8200165 W 19820513; EP 82901429 A 19820513; JP 17883281 A 19811106