

Title (en)
Oven with moisture sensor

Title (de)
Ofen mit Feuchtigkeitssensor

Title (fr)
Four avec capteur d'humidité

Publication
EP 3495740 A1 20190612 (EN)

Application
EP 17205684 A 20171206

Priority
EP 17205684 A 20171206

Abstract (en)
The present invention relates to an oven, such as a microwave oven, a steamer or the like, which is configured to heat and/or cook food. The oven may comprise an oven cavity 5 which may accommodate the food to be heated. Further, a plate 11 may be placed inside the oven cavity 5 for carrying the food. At least one moisture sensor 13 may measure a moisture value of a partial surface of the food which defines a moisture measuring area. The at least one moisture sensor 13 may be integrated into the plate 11. In order to control an operation of oven a control unit may be provided. The control unit may perform the oven operation based on the measured moisture value respectively moisture values.

IPC 8 full level
F24C 7/08 (2006.01); **F24C 15/16** (2006.01); **H05B 6/64** (2006.01)

CPC (source: EP)
F24C 7/085 (2013.01); **F24C 15/16** (2013.01); **H05B 6/6458** (2013.01)

Citation (applicant)
• US 2008236404 A1 20081002 - OSE LUTZ [DE], et al
• US 5525782 A 19960611 - YONENO NORIYUKI [JP], et al

Citation (search report)
• [AD] US 5525782 A 19960611 - YONENO NORIYUKI [JP], et al
• [AD] US 2008236404 A1 20081002 - OSE LUTZ [DE], et al
• [A] EP 1043934 A1 20001018 - SUCCESS MARKETING [AT]

Cited by
CN110702737A; CN110507209A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3495740 A1 20190612; EP 3495740 B1 20200902; TR 201721948 A2 20190621

DOCDB simple family (application)
EP 17205684 A 20171206; TR 201721948 A 20171226