

Title (en)

HOUSEHOLD MICROWAVE DEVICE COMPRISING A DETECTION UNIT FOR DETECTING MICROWAVE LEAKAGE RADIATION

Title (de)

HAUSHALTS-MIKROWELLENGERÄT MIT DETEKTIONSEINRICHTUNG ZUR ERFASSUNG VON MIKROWELLEN-LECKAGESTRAHLUNG

Title (fr)

APPAREIL MÉNAGER À MICRO-ONDES À ÉQUIPEMENT DE DÉTECTION POUR LA DÉTECTION DE RAYONNEMENT DE FUITE DE MICRO-ONDES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020239830A1] The invention relates to a household microwave device (1) comprising a cooking chamber (2) and at least one detection unit (10, 11) for detecting microwave leakage radiation outside the cooking chamber (2), wherein the detection unit (10, 11) has at least one antenna line (11) in which alternating currents can be induced by microwaves, and an evaluation circuit (10) connected to the at least one antenna line (11) and designed for determining alternating currents induced in the at least one antenna line (11), and wherein the at least one antenna line (11) has at least one further function. The invention can be, in particular advantageously, used in ovens with a microwave function and independent microwave ovens.

IPC 8 full level

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