

Title (en)

MATERIAL GENERATING HEAT BY ABSORBING MICROWAVES.

Title (de)

DURCH MIKROWELLENABSORPTION WÄRME ERZEUGENDES MATERIAL.

Title (fr)

MATERIAU PRODUISANT DE LA CHALEUR PAR L'ABSORPTION DE MICRO-ONDES.

Publication

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Application

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Abstract (en)

[origin: EP0463180A1] This invention relates to a material which heats and cooks foods from outside by absorbing microwaves of an electronic range and by generating heat. A conductive substance or a nonconductive compound containing transition metals of atomic number 21-29 is mixed in a base material having an Fe group oxide as a principal component. Since the material has a rapid heat generating speed, the temperature in heat-generation is high, and further the material is cheap; it is effective as a material generating heat by absorbing microwaves.

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Cited by

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