

Title (en)

ILLUMINATING ARRANGEMENT FOR MICROWAVE OVENS, IN PARTICULAR FOR DOMESTIC OVENS

Publication

**EP 0274611 B1 19920415 (DE)**

Application

**EP 87116931 A 19871117**

Priority

DE 3643364 A 19861218

Abstract (en)

[origin: US4814952A] An oven has a baking space wall at least partly defining a closed baking chamber to be acted upon by microwave energy with a given basic microwave frequency capable of being radiated into the baking space with a given wavelength. A lighting device for the oven includes a bulb holder, an incandescent bulb mounted on the bulb holder and protruding freely into the baking space from the baking space wall without electromagnetic shielding, and electrical connection lines supplying the incandescent bulb with current from outside the baking chamber. The incandescent bulb has a glass bulb, incandescent filament holders of equal length extending substantially, parallel and alongside one another, and an incandescent filament disposed between ends of the incandescent filament holders in the glass bulb. The filament has a longitudinal extension within which all spacings between given points along the incandescent filament are equivalent to a maximum of 10% of the given wavelength.

IPC 1-7

**F24C 15/00; H05B 6/76**

IPC 8 full level

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CPC (source: EP US)

**F24C 15/008** (2013.01 - EP US); **H05B 6/6444** (2013.01 - EP US); **H05B 6/76** (2013.01 - EP US); **H05B 6/806** (2013.01 - EP US)

Cited by

EP0537420A1; EP0387161A1; FR2643829A1; US5059400A

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0274611 A1 19880720; EP 0274611 B1 19920415**; AT E75021 T1 19920515; DE 3643364 A1 19880707; DE 3643364 C2 19900215; DE 3778334 D1 19920521; ES 2030696 T3 19921116; JP S63163720 A 19880707; US 4814952 A 19890321

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