

Title (en)
Recirculated air ventilator for ranges.

Title (de)
Umluftgebläse für Backöfen.

Title (fr)
Ventilateur à air circulé pour fours.

Publication
EP 0369321 B1 19950301 (DE)

Application
EP 89120760 A 19891109

Priority
DE 3838447 A 19881112

Abstract (en)
[origin: US4973825A] A circulation fan for circulating air in the baking muffle of an oven in which a conductive connection is made between the drive shaft and the back wall of the baking muffle whereby the RF energy passing outward over the surface of the drive shaft is short-circuited via the back wall of the baking muffle. The conductive connection is in the form of a spring element, e.g. a clamping member or a disk spring, whereby manufacturing and operational variations are compensated for. If the portion of the drive shaft located outside the baking muffle is roughened and/or covered with an electrically poorly conducting coating, further damping of the escaping RF energy is obtained.

IPC 1-7
F24C 15/32; **F24C 7/08**; **H05B 6/76**; **H05B 6/80**

IPC 8 full level
F24C 7/08 (2006.01); **F24C 15/32** (2006.01); **H05B 6/76** (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP US)
F24C 15/322 (2013.01 - EP US); **H05B 6/6473** (2013.01 - EP US); **H05B 6/76** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 89120760 A 19891109; DE 3838447 A 19881112; DE 58909058 T 19891109; US 36763489 A 19890619