

Title (en)

Baking oven with a cooling air fan and/or with a hot-air fan

Title (de)

Backofen mit einem Kühlluftgebläse und/oder mit einem Heissluftgebläse

Title (fr)

Four de cuisson à ventilateur de refroidissement et/ou à ventilateur à air chaud

Publication

EP 0579074 B1 19960424 (DE)

Application

EP 93110684 A 19930705

Priority

DE 4222092 A 19920706

Abstract (en)

[origin: EP0579074A1] The invention relates to a baking oven with a cooling-air fan and/or with, arranged inside the baking muffle, a hot-air fan. The aim of the invention is to produce a baking oven, in which universally useable cooling-air or hot-air fan motors are used and consequently the disadvantages of the use of a.c. voltage motors are avoided. The aim is achieved by the use of a collectorless d.c. motor for the fan operation which works according to the wasting principle, the commutating of the stator windings taking place with the aid of magnetic-field-sensitive control elements. <IMAGE>

IPC 1-7

F24C 15/32; **F24C 15/00**

IPC 8 full level

F24C 15/00 (2006.01); **F24C 15/32** (2006.01)

CPC (source: EP)

F24C 15/006 (2013.01); **F24C 15/322** (2013.01)

Cited by

NL1024564C2; EP2287533A1; ITTO20090611A1; FR2811489A1; US6914219B2; EP1816402A3; EP3869105A1; WO2005040684A1; WO2016154699A1; WO2020260131A1; WO2011080100A3; US11965655B2; US6600288B2; EP4033319A1; WO2022157062A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0579074 A1 19940119; **EP 0579074 B1 19960424**; DE 4222092 A1 19940113; DE 59302328 D1 19960530

DOCDB simple family (application)

EP 93110684 A 19930705; DE 4222092 A 19920706; DE 59302328 T 19930705