

Title (en)  
Baking oven with a heater / fan assembly

Title (de)  
Backofen mit einer Heizungs / Lüfter - Baueinheit

Title (fr)  
Four avec un unité chauffage / ventilateur

Publication  
**EP 1559959 B1 20120704 (EN)**

Application  
**EP 04380262 A 20041216**

Priority  
ES 200400194 A 20040130

Abstract (en)  
[origin: EP1559959A2] The oven (1) with a baking chamber (3) has a heater assembly (4) fixed to its vertical rear wall (2) in order to generate a forced flow of hot air (6). The heater assembly (4) is fitted in the oven by means of a single installation operation and comprises a support device (7) acting as a single coupling and supporting means, a blade fan (8), a panel or flat substrate (11) carrying a flat heating resistor (12) and electrical connection means (16). The connecting and support device (7) is made up of a central plate (7a) from the periphery of which extend a number of radial arms (13) which support the flat ring-shaped panel (11) separate at a space width "W" from the rear wall, the ducts for heating said air flow (6) being formed between both the rear (2) and the adjacent (2a) chamber walls.

IPC 8 full level  
**F24C 7/06** (2006.01); **A47J 39/00** (2006.01); **F24C 15/32** (2006.01)

CPC (source: EP ES)  
**F24C 7/06** (2013.01 - ES); **F24C 15/325** (2013.01 - EP ES)

Cited by  
ES2408508A1; CN102089589A; CN111449095A; DE102009026645A1; DE102009026645B4; WO2008103372A3

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DOCDB simple family (publication)  
**EP 1559959 A2 20050803**; **EP 1559959 A3 20060531**; **EP 1559959 B1 20120704**; ES 2242521 A1 20051101; ES 2242521 B1 20061001; ES 2386281 T3 20120816

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