

Title (en)
Oven with glass plate for oven door

Title (de)
Backofen mit Backofentür-Glasscheibe

Title (fr)
Four avec panneau de verre pour porte de four

Publication
EP 1094277 B1 20040728 (DE)

Application
EP 00122147 A 20001012

Priority
DE 19950819 A 19991021

Abstract (en)
[origin: EP1094277A1] The door glass is pre-curved, and size and direction of the shaping are adapted to the temperature-dependent expansion of the glass pane (10), so that the curvature is not transferred to the other side of the glass door pane. The convex side of the glass is on the inside (4) of the oven, and the concave side is on the outside. The glass is a single or laminated pane, esp. toughened glass. The glass layer facing the oven interior has a higher heat expansion coefficient than the outer layer.

IPC 1-7
F24C 15/04

IPC 8 full level
F24C 15/04 (2006.01)

CPC (source: EP)
F24C 15/04 (2013.01)

Cited by
DE102005040260A1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1094277 A1 20010425; EP 1094277 B1 20040728; AT E272192 T1 20040815; DE 19950819 A1 20010426; DE 50007188 D1 20040902; ES 2223361 T3 20050301

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