

Title (en)
Oven door assembly with locking element

Title (de)
Ofentür mit Verschlusselement

Title (fr)
Assemblage d'une porte de four de cuisson avec un moyen de verrouillage

Publication
EP 1909035 B1 20100317 (FR)

Application
EP 07117994 A 20071005

Priority
FR 0608739 A 20061005

Abstract (en)
[origin: EP1909035A1] The door (4) has an internal panel (25) and an external panel mounted on a door frame (23). The external panel is assembled with a cross piece (46), and the internal panel is fixed to the frame by an elastic detent fixation unit. The cross piece is positioned in support with a lateral wall (38) of the frame and fixed with the frame by a locking pin (45) of a door locking unit. The locking pin detects contact of the door with a frontal face of the kiln to turn on/off a lamp placed inside the door. The locking pin fixes the frame and the cross piece and blocks the door in a close position.

IPC 8 full level
F24C 15/02 (2006.01); **F24C 15/04** (2006.01)

CPC (source: EP)
F24C 15/006 (2013.01); **F24C 15/02** (2013.01); **F24C 15/04** (2013.01)

Cited by
CN110381622A; US2013019854A1; US9115903B2; DE102008040780A1; CN107850316A; EP3309463A4; WO2022127405A1; US10648676B2; DE102008040780B4

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