

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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