

Title (en)

Mechanism for extracting a tray from a domestic oven

Title (de)

Mechanismus zum Herausziehen eines Gargutträgers aus einem Herd

Title (fr)

Mécanisme d'extraction d'un plateau d'un four domestique

Publication

EP 2112436 B1 20150812 (EN)

Application

EP 09157309 A 20060609

Priority

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- EP 06380157 A 20060609

Abstract (en)

[origin: EP1865264A1] A domestic oven with a mechanism for extracting a tray from the oven, said oven (1) comprising an internal enclosure (10) into which can be introduced at least one tray (4), and a door (11) that insulates said internal enclosure (10) from the exterior when it is closed. The mechanism comprises an extraction support (5a,5b), disposing of a surface of guidance (51) of said extraction support (5a,5b) with an inclination of a specific angle (\emptyset). Said mechanism also comprises a tray support (6a,6b) on which is disposed the tray (4) and which is adapted to support and slide in relation to the surface of guidance (51). When the door (11) is opened, due to the inclination of said surface of guidance (51), said tray support (6a,6b) can slide by gravity towards the exterior of said oven (1) thereby moving said tray (4) in conjunction with said tray support (6a,6b).

IPC 8 full level

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CPC (source: EP)

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Cited by

DE102013205753A1; CN106172563A; US11992123B2; EP2787284A2

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