

Title (en)
DOOR LOCK SYSTEM, OF AN OVEN IN PARTICULAR

Title (de)
TÜRSCHLOSSSYSTEM, INSBESONDERE EINES OFENS

Title (fr)
SYSTÈME DE VERROUILLAGE DE PORTE, EN PARTICULIER D'UN FOUR

Publication
EP 3546836 A1 20191002 (EN)

Application
EP 19460012 A 20190326

Priority
PL 42508718 A 20180329

Abstract (en)
The present invention concerns a door locking system, of an oven in particular, comprising a locking mechanism fixed on the front of the appliance body, equipped with a slider ended with a holder and spring and an accompanying catching element fixed to the door of the appliance. The door-locking system is characterized in that the helical cylindrical spring and the cylindrical tip of the slider are slid over the guide in the base made of a flat bar, the ends of which are twice bent at right angles so that the first bent sections form vertical walls to which are attached the ends of the guide and the distal sections are bent outwards and have the mounting holes. The middle part of the slider has the shape of a flat hook. Catching element rigidly fixed to the top of the panel of the door is a pin which in the appliance door closed position is located in the space limited by the inner edges of the hook.

IPC 8 full level
F24C 15/02 (2006.01)

CPC (source: EP)
F24C 15/022 (2013.01)

Citation (applicant)
DE 3935597 A1 19910502 - LICENTIA GMBH [DE]

Citation (search report)
• [I] WO 2004005653 A1 20040115 - BSH BOSCH SIEMENS HAUSGERÄTE [DE], et al
• [I] EP 2372252 A1 20111005 - VESTEL BEYAZ EŞYA SANAYİ VE TİCARET AŞ [TR]
• [A] EP 0678710 A1 19951025 - BOSCH SIEMENS HAUSGERÄTE [DE]
• [A] EP 2532973 A1 20121212 - ELECTROLUX HOME PROD CORP [BE]
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• [AP] EP 3388606 A1 20181017 - GORENJE GOSPODINJSKI APARATI D D [SI]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3546836 A1 20191002; EP 3546836 B1 20210630; DK 3546836 T3 20211004; PL 235690 B1 20201005; PL 3546836 T3 20211206; PL 425087 A1 20191007

DOCDB simple family (application)
EP 19460012 A 20190326; DK 19460012 T 20190326; PL 19460012 T 20190326; PL 42508718 A 20180329