

Title (en)
HINGE FOR A COOKING OVEN

Title (de)
SCHARNIER FÜR EINEN HERD

Title (fr)
CHARNIÈRE POUR CUISINIÈRE

Publication
EP 2759669 B1 20210929 (DE)

Application
EP 14000166 A 20140116

Priority
DE 102013001402 A 20130128

Abstract (en)
[origin: EP2759669A2] The hinge has a pivot arm (4) pivotably mounted at a housing. A linear drive (8) is provided at the housing for actuating the pivot arm. A carriage (12) is longitudinally displaceably mounted at the housing. The carriage is actuatable by the drive, and connected with the pivot arm. The drive is connected with the carriage by a coupling (11). The drive or the carriage is connected with the pivot arm by a lever rod. A spring (7) e.g. tension spring, is mounted at the housing, and actively connected with the pivot arm. The spring is connected in parallel or in series with the drive. An independent claim is also included for a cooking oven.

IPC 8 full level
E05F 15/611 (2015.01)

CPC (source: EP)
E05F 1/1276 (2013.01); **E05F 5/00** (2013.01); **E05F 15/611** (2015.01); **F24C 15/023** (2013.01); **E05F 15/42** (2015.01); **E05F 15/63** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/22** (2013.01); **E05Y 2201/674** (2013.01); **E05Y 2201/716** (2013.01); **E05Y 2800/236** (2013.01); **E05Y 2800/242** (2013.01); **E05Y 2800/244** (2013.01); **E05Y 2900/308** (2013.01)

Cited by
WO2016112939A1; CN110685524A; CN111173389A; DE102015000407B3; CN107771237A; EP3199735A1; WO2021150185A1; EP3045639A1; US10301866B2; EP3508676A1; US11480341B2

Designated contracting state (EPC)
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DOCDB simple family (publication)
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