

Title (en)  
HINGE FOR KITCHEN OVEN DOORS

Title (de)  
SCHARNIER FÜR BACKOFENTÜREN

Title (fr)  
CHARNIÈRE POUR PORTES DE FOUR DE CUISINE

Publication  
**EP 3080373 A1 20161019 (EN)**

Application  
**EP 14809825 A 20141205**

Priority  
• IT PD20130340 A 20131213  
• EP 2014076777 W 20141205

Abstract (en)  
[origin: WO2015086470A1] A hinge (10) for kitchen oven doors, of the type comprising a first arm (11), to be associated with a closure door of a chamber of an oven, and a second arm (12), which is articulated to the first arm (11), to be associated with the structure of the oven, a kinematic system (13) being interposed between the first arm (11) and the second arm (12) and being adapted to actuate elastic means (14) for the facilitated closure of the door, means (15) for slowing the closing movement of the door being also interposed between the first arm (11) and the second arm (12); the means (15) for slowing the closing motion of the door comprise a fluid-operated damper (16) that is fixed to a containment body (17) that is part of the first arm (11); the stem (18) of the fluid-operated damper (16) is actuated by a first contoured end (19) of a guiding element (20), which can translate with respect to the containment body (17); the second contoured end (21) of the guiding element (20) is intended to slide in contact with a pusher portion (22) that is associated with the second arm (12) with a predefined and fixed inclination angle (23).

IPC 8 full level  
**E05F 1/10** (2006.01); **E05F 5/10** (2006.01)

CPC (source: EP)  
**E05F 1/1276** (2013.01); **E05F 5/10** (2013.01); **E05Y 2900/308** (2013.01)

Citation (search report)  
See references of WO 2015086470A1

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Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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