

Title (en)  
Door mounting hinge

Title (de)  
Türbefestigungsscharnier

Title (fr)  
Charnière pour porte

Publication  
**EP 2251512 A2 20101117 (EN)**

Application  
**EP 10159263 A 20100407**

Priority  
TR 200903812 A 20090515

Abstract (en)  
The door mounting hinge of the present invention comprises an upper connection part (1), a lower connection part (2), a spring (3) and a connection rod (4) which joins the upper connection part (1) and the lower connection part (2). Moreover, it comprises side surfaces (13, 14) on the upper connection part (1) with an aim of fixing onto the lower and lateral surfaces of the oven; and the connection spaces (13", 14") used in the said operation of fixing relative surfaces onto corresponding oven surfaces. The present invention comprises the spring (3) situated horizontally on the surface between the upper (1) and lower (1) connection parts, comprising a spring nail (31) seated into a spring nail slot (12) and a spring coil (32) located in the center of the spaces (11", 21"). Thanks to the said mounting hinge, doors having different weights may be carried and it is possible for them to be opened and closed at certain angles.

IPC 8 full level  
**E05F 1/12** (2006.01); **E05D 5/06** (2006.01); **F24C 15/02** (2006.01)

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**E05D 5/06** (2013.01); **E05F 1/1215** (2013.01); **E05Y 2201/416** (2013.01); **E05Y 2900/308** (2013.01)

Citation (applicant)  
• US 2005242593 A1 20051103 - MIGLI CARLO [IT]  
• WO 2009033960 A1 20090319 - HETTICH ONI GMBH & CO KG [DE], et al  
• CA 2631198 A1 20081123 - NUOVA STAR SPA [IT]

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AL BA ME RS

DOCDB simple family (publication)  
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