

Title (en)  
A door hinge

Title (de)  
Türscharnier

Title (fr)  
Charnière de porte

Publication  
**EP 2664737 A2 20131120 (EN)**

Application  
**EP 13002539 A 20130515**

Priority  
TR 201205645 A 20120515

Abstract (en)  
The present invention relates to a door hinge (1) comprising members that protect the first damper (9) and the second damper (14) in order to prevent the overloads that might arise when a household appliance door is closed fast from causing damage in the first damper (9) and the second damper (14). The door hinge (1) of the present invention prevents the door of a household appliance from making noise when being opened and closed, and slows down the fast movement during closing.

IPC 8 full level  
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**E05F 1/1276** (2013.01); **E05F 5/02** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/43** (2013.01); **E05Y 2900/30** (2013.01); **E05Y 2900/304** (2013.01); **E05Y 2900/308** (2013.01)

Citation (applicant)  
• EP 1847670 A2 20071024 - NUOVA STAR SPA [IT]  
• WO 2010091770 A1 20100819 - ELECTROLUX HOME PROD CORP [BE], et al

Cited by  
US10451291B2; CN107975312A; CN104712208A; CN107355160A; US2018216832A1; US10082298B2; IT202000003242A1; ITMI20132091A1; CN107419986A; CN110101353A; EP3179023A1; EP3255235A4; EP3255234A4; US10890334B2; US11543135B2

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