

Title (en)  
Sliding system of a furniture door

Title (de)  
Gleitsystem für eine Möbeltür

Title (fr)  
Système coulissant pour une porte de meuble

Publication  
**EP 2584130 A1 20130424 (EN)**

Application  
**EP 12007151 A 20121016**

Priority  
IT CO20110048 A 20111018

Abstract (en)  
The present invention relates to a sliding system of a door (100) of a piece of furniture (300) comprising: a carriage (1) provided with wheels (2) adapted to slide along a track (9) according to a first direction (D1), a support (3) constrained to said carriage (1) and adapted to support said door (100), and means (6) adapted to allow guided translation of said support (3) with respect to said carriage (1) in a second direction (D2) perpendicular to said first direction (D1); said support (3) comprises moreover a first and a second rack (4) parallel to said second direction (D2), and said carriage (1) comprises moreover a first and a second rotating sprocket (51, 52) which are connected by means of a bar (50) parallel to said first direction (D1) and which mesh respectively on said first and second racks (4); in this way, a perfect parallelism is maintained between said carriage said carriage (1) and said support (3), regardless of the mutual position. This system is used in furniture above all for doors of small dimensions.

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Citation (search report)  
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• [A] EP 0291564 A1 19881123 - HUWIL WERKE GMBH [DE]  
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