

Title (en)  
Angle-adjustable hinge

Title (de)  
Scharnier mit einstellbarem Winkel

Title (fr)  
Charnière à angle réglable

Publication  
**EP 2532275 A1 20121212 (EN)**

Application  
**EP 11169274 A 20110609**

Priority  
• EP 11169274 A 20110609  
• JP 2011096768 A 20110425

Abstract (en)  
In an angle-adjustable hinge (1), used for a sofa (S) provided with a reclinable rest portion (3), making oscillation of the rest portion (3) in a standing direction possible, and stopping oscillation in an inclining direction with multi stage to keep a desired inclination angle, a wrinkle prevention mechanism (50) is provided, and an elastic member (2), giving rotation resistance moment (M) to restrict the oscillation of the rest portion (3) in the standing direction, is provided.

IPC 8 full level  
**A47C 1/024** (2006.01); **A47C 1/026** (2006.01); **A47C 1/03** (2006.01); **A47C 7/38** (2006.01); **A47C 7/50** (2006.01)

CPC (source: EP US)  
**A47C 1/022** (2013.01 - EP US); **A47C 1/026** (2013.01 - EP); **A47C 7/38** (2013.01 - EP); **A47C 7/402** (2013.01 - EP);  
**A47C 7/5066** (2018.07 - EP US); **A47C 17/12** (2013.01 - EP)

Citation (applicant)  
JP 4296223 B1 20090715

Citation (search report)  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2532275 A1 20121212**; **EP 2532275 B1 20140430**; JP 2012228291 A 20121122; JP 4831713 B1 20111207

DOCDB simple family (application)  
**EP 11169274 A 20110609**; JP 2011096768 A 20110425