

Title (en)
Angle-adjustable hinge

Title (de)
Scharnier mit einstellbarem Winkel

Title (fr)
Charnière à angle réglable

Publication
EP 2532275 B1 20140430 (EN)

Application
EP 11169274 A 20110609

Priority
• EP 11169274 A 20110609
• JP 2011096768 A 20110425

Abstract (en)
[origin: EP2532275A1] 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)

Cited by
DE102017110524A1; EP4342336A1; EP2617323A1; CN114007466A; US11800934B2; WO2021008869A1

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

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