

Title (en)

Angle-adjustable hinge and sofa

Title (de)

Winkeleinstellbares Scharnier und Sofa

Title (fr)

Charnière réglable et canapé

Publication

EP 2767188 B1 20150715 (EN)

Application

EP 13194611 A 20131127

Priority

JP 2013027347 A 20130215

Abstract (en)

[origin: EP2767188A1] In an angle-adjustable hinge having a construction in which a first member (1) and a second member (2) having a gear portion (4) are pivoted as to oscillate, a floating wedge member (6), of which one face is a toothed face (7) engaged to the gear portion (4) and another face is a contact face (9) which contacts a wedge face (8) formed on the first member (1) side, is provided, and, a recovery means (10), for recovering the floating wedge member (6) from a retreat state to an engaged state with the gear portion (4) by a return action (M 2) of a predetermined small angle (.) in a standing direction (A) during an inclining action (M 1) to relatively oscillate the first member (1) and the second member (2) from a final standing position (P 0) in an inclining direction (B), is provided.

IPC 8 full level

A47C 1/026 (2006.01); **A47C 1/03** (2006.01); **A47C 7/38** (2006.01); **A47C 7/50** (2006.01)

CPC (source: EP)

A47C 1/026 (2013.01); **A47C 7/38** (2013.01); **A47C 7/5066** (2018.07); **A47C 7/541** (2018.07)

Cited by

RU2762656C2; RU2762644C2; EP2805642A1; US10993535B2; WO2018206487A1

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