

Title (en)

Mechanism for articulating the elements of a sofa convertible into several positions.

Title (de)

Gelenkmechanismus für die Teile eines mehrfach verstellbaren Sofas.

Title (fr)

Mécanisme d'articulation pour les éléments d'une banquette convertible à plusieurs positions.

Publication

EP 0395531 B1 19940112 (FR)

Application

EP 90401156 A 19900427

Priority

FR 8905608 A 19890427

Abstract (en)

[origin: EP0395531A1] The vertical flange of the side plate 9 integral with the back element is connected to the vertical flange of the side plate 13 carrying the seating element by two pivoting small rods 11, 12, the two side plates being partially superposed in the seat position. A notched ratchet mechanism 15 is articulated on the side plate 13 and is stressed by a spring 19 in order to engage, in the seat position, via one or the other of its notches 16, 17, the end 18 of the side plate 9. In order to convert into the bed position, the ratchet mechanism 15 comes into a release position in which it is held by engagement of an end 20 of the spring 19 in a slot 21 of the ratchet mechanism 15. The mechanism is applicable to sofas which can be converted to two positions, three positions or more. <IMAGE>

IPC 1-7

A47C 17/175

IPC 8 full level

A47C 17/16 (2006.01); **A47C 13/00** (2006.01); **A47C 17/175** (2006.01)

CPC (source: EP)

A47C 17/1756 (2013.01)

Cited by

RU209037U1

Designated contracting state (EPC)

AT BE DE DK ES GB GR IT

DOCDB simple family (publication)

EP 0395531 A1 19901031; **EP 0395531 B1 19940112**; AT E99894 T1 19940115; DE 395531 T1 19910411; DE 69005889 D1 19940224; DE 69005889 T2 19940811; DK 0395531 T3 19940524; ES 2019252 A4 19910616; ES 2019252 T3 19940501; FR 2646331 A1 19901102; FR 2646331 B1 19940311; JP H0368308 A 19910325

DOCDB simple family (application)

EP 90401156 A 19900427; AT 90401156 T 19900427; DE 69005889 T 19900427; DE 90401156 T 19900427; DK 90401156 T 19900427; ES 90401156 T 19900427; FR 8905608 A 19890427; JP 11493890 A 19900427