

Title (en)

Connection, for connecting structural elements with selectively variable angle and relative hinge and armchair side frame

Title (de)

Anschluss zur Verbindung struktureller Elemente mit selektiv variablem Winkel und relativem Scharnier und Sesselseitenrahmen

Title (fr)

Connexion, pour connecter des éléments structurels avec angle variable sélectivement et charnière relative et cadre latéral de fauteuil

Publication

**EP 1889556 A1 20080220 (EN)**

Application

**EP 07113145 A 20070725**

Priority

IT AN20060045 A 20060727

Abstract (en)

A connection (21) for connecting structural elements (1, 2) at an angle with selectively variable amplitude comprises at least one cylindrical pin (3), having two consecutive bodies (4, 5), of which a first body (4) has grooves on the outside and a second body (5) is smooth. Two arms (6, 7) have corresponding ends (6a, 7a) with holes (8, 9) through them, delimited by surfaces (10, 11) for surrounding the pin (3) and grooved like the first body (4). The arms (6, 7) and the pin (3) can move relative to one another along an axial direction (12) of the pin (3) and between two end positions. In a first end position, the first, grooved body (4) of the pin (3) and the surfaces of the arms (6, 7) are integral with one another with respect to the relative rotation about the axial direction (12) of the pin (3), whilst in the second end position at least one of the arms (6, 7) is at the second body (5) of the pin (3), so that it can rotate freely relative to the pin (3).

IPC 8 full level

**A47C 1/026** (2006.01); **A47C 17/12** (2006.01)

CPC (source: EP)

**A47C 1/026** (2013.01); **A47C 17/12** (2013.01)

Citation (search report)

- [XAY] WO 9720706 A1 19970612 - HENDERSONS IND PTY LTD [AU], et al
- [Y] DE 20120427 U1 20020404 - BENZ ROLF AG & CO KG [DE]
- [A] EP 0566501 A1 19931020 - SCOPEMA [FR]
- [A] US 1842208 A 19320119 - STEFAN SCHNEIDER

Designated contracting state (EPC)

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Designated extension state (EPC)

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