

Title (en)  
Synchronisation mechanism

Title (de)  
Synchronmechanik

Title (fr)  
Mécanisme synchrone

Publication  
**EP 2250940 A3 20110720 (DE)**

Application  
**EP 10004923 A 20100510**

Priority  
• DE 102009021193 A 20090513  
• DE 202009006922 U 20090513

Abstract (en)  
[origin: EP2250940A2] The mechanism has a base support (1) placed on a chair column, and a backrest support (4) pivotably connected with the base support around a transverse axis (8). The backrest support comprises an actuator (9) e.g. bolt or ball head, which stays in an effective communication with a seat support (3). The seat support is downwardly moved in a displacement direction during pivot movement of the backrest in a pivoting direction. The seat support is connected with the base support by a partial non-linear function.

IPC 8 full level  
**A47C 1/032** (2006.01)

CPC (source: EP US)  
**A47C 1/03205** (2013.01 - EP US); **A47C 1/03238** (2013.01 - EP US); **A47C 1/03255** (2013.01 - EP US); **A47C 1/03294** (2013.01 - EP US)

Citation (search report)  
• [X] DE 19607136 A1 19960829 - HANSEN ECKHARD [CH]  
• [X] JP 2001128786 A 20010515 - OKAMURA CORP  
• [X] EP 1258210 A2 20021120 - BOCK 1 GMBH & CO [DE]  
• [X] DE 202007001395 U1 20080605 - SANDER ARMIN [DE]

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 SE SI SK SM TR

Designated extension state (EPC)  
BA ME RS

DOCDB simple family (publication)  
**DE 202009006922 U1 20100923**; DE 102009021193 A1 20101125; EP 2250940 A2 20101117; EP 2250940 A3 20110720;  
US 2010295351 A1 20101125; US 8550557 B2 20131008

DOCDB simple family (application)  
**DE 202009006922 U 20090513**; DE 102009021193 A 20090513; EP 10004923 A 20100510; US 77935110 A 20100513