

Title (en)
ARTICULATION MECHANISM FOR CHAIRS

Title (de)
GELENKMECHANISMUS FÜR STÜHLE

Title (fr)
MÉCANISME D'ARTICULATION POUR CHAISES

Publication
EP 3599940 B1 20210331 (EN)

Application
EP 18728757 A 20180226

Priority
• IT 201700031748 A 20170322
• IT 2018050030 W 20180226

Abstract (en)
[origin: WO2018173085A1] Articulation mechanism (1) for chairs comprising a frame (2), a support (4) for a seat-backrest body (5) and a first (6) and a second (7) articulation system configured in such a manner that the articulation mechanism takes on an at-rest configuration and a maximum tilting configuration, where the second articulation system (7) comprises a first slot (8) afforded in one between the support (4) and the frame (2) and a first pin (9) firmly constrained to the other between the support (4) and the frame (2), where the first pin (9) slidably engages the first slot (8) and where a first angle (10) formed between a tangent (11) to the first slot (8) in an instant contact point (12) and a horizontal line (13), above the horizontal line (13), faces rearward.

IPC 8 full level
A47C 3/026 (2006.01)

CPC (source: EP)
A47C 3/026 (2013.01)

Citation (examination)
• US 144603 A 18731118
• WO 2016166728 A1 20161020 - CO FE MO IND S R L [IT]
• EP 3420853 A1 20190102 - KOKUYO KK [JP]
• WO 2007010618 A1 20070125 - DAIEI DREAM CO LTD [JP], et al
• US 5603551 A 19970218 - SHEEHAN KELLY [US]

Designated contracting state (EPC)
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DOCDB simple family (publication)
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