

Title (en)
A chair with tilting backrest

Title (de)
Stuhl mit kippbarer Rückenlehne

Title (fr)
Chaise dotée d'un dossier inclinable

Publication
EP 2345345 A1 20110720 (EN)

Application
EP 10425009 A 20100115

Priority
EP 10425009 A 20100115

Abstract (en)
A chair comprising: - a base structure (12); - a seat (14), carried by the base structure (12); - a backrest (16), comprising two lateral uprights (26) connected to a resting portion (28), the backrest (16) being articulated to the base structure (12) about a horizontal axis (A) and being mobile between a resting position and a position reclined backwards; and - an elastic mechanism (30), arranged for pushing the backrest (16) elastically towards said resting position, wherein the elastic mechanism (30) comprises: - two hubs (32) fixed with respect to the base structure (12) and set at a distance from one another along said axis of articulation (A); - two rotating members (34), which engage the respective hubs (32) in such a way that they can turn about said axis of articulation (A), each of said rotating members (34) being fixed to a bottom end of a respective upright (26); and - two helical springs (52) set coaxially to said axis of articulation (A), each of said helical springs (52) having a first end (54) fixed to a respective hub (32) and a second end (56) fixed to a respective rotating member (34).

IPC 8 full level
A47C 7/44 (2006.01)

CPC (source: EP US)
A47C 7/444 (2018.07 - EP US)

Citation (applicant)
EP 0626146 A1 19941130 - PRO CORD SRL [IT]

Citation (search report)
• [X] WO 2006096883 A2 20060914 - BRETTFORD MFG INC [US], et al
• [X] DE 849478 C 19520915 - ERSTE DARMSTAEDTER KAROSSERIEW
• [A] EP 0626146 A1 19941130 - PRO CORD SRL [IT]
• [A] WO 2007087817 A1 20070809 - BOCK 1 GMBH & CO KG [DE], et al

Cited by
CN112374332A; KR102129610B1; US2023129979A1; US9754515B2

Designated contracting state (EPC)
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)
AL BA RS

DOCDB simple family (publication)
EP 2345345 A1 20110720

DOCDB simple family (application)
EP 10425009 A 20100115