

Title (en)
Back rest device

Title (de)
Rückenlehnavorrichtung

Title (fr)
Dispositif de dossier

Publication
EP 2100539 A1 20090916 (EN)

Application
EP 09154755 A 20090310

Priority
NO 20081244 A 20080310

Abstract (en)
The present invention relates to a device for a chair comprising an undercarriage (10) with a support unit (20) for a chair seat (30) and a backrest (40), the chair seat being pivotally connected to the support unit about a first pivot axis (1), and the backrest being pivotally connected to the chair seat, wherein the backrest (40) is split horizontally into at least an upper back part (41) and a lower back part (42) pivotally connected to each other about a second pivot axis (2); a pulling element (50) is pivotally connected to the support unit (20) about a third pivot axis (3) positioned behind the first pivot axis (1), and pivotally connected to the chair's upper back part (41) about a fourth pivot axis (4); the chair seat is pivotally connected to the pulling element about a fifth pivot axis (5) positioned behind the first pivot axis (1) and the third pivot axis (3); and at least one of the first, third or fifth pivot axes (1, 3, 5) is displaceable relative to at least one of the parts pivoting about said pivot axes.

IPC 8 full level
A47C 1/032 (2006.01); **A47C 7/46** (2006.01)

CPC (source: EP)
A47C 1/03255 (2013.01); **A47C 1/03294** (2013.01); **A47C 7/405** (2013.01); **A47C 7/46** (2013.01)

Citation (search report)
• [X] DE 4216159 A1 19931118 - KLOEBER GMBH [DE]
• [A] DE 19930922 A1 20000504 - OKAMURA CORP [JP]
• [A] US 2002149247 A1 20021017 - DIFFRIENT NIELS [US]
• [A] EP 0559185 A1 19930908 - SDM HANSEN AG [CH]
• [A] EP 0343450 A1 19891129 - ROEDER GMBH [DE]

Cited by
CN103167815A; US10028586B2; EP3468417A4; US2015102647A1; US9357849B2; US2016235203A1; US9700138B2; AU2011267475B2; EP3345508A1; CN104470404A; JP2015519111A; JP2016093536A; JP2016105787A; US11304528B2; US11259637B2; US11617444B2; WO2013164078A1; WO2011157392A1; JP2016073806A; US11357329B2; US11786039B2; US11805913B2; US9510684B2; US10383446B2; US11812870B2; US9609952B2; US10842281B2; US11096497B2; US11464341B2; US11963621B2; JP2013528452A; US11109683B2; US11229294B2; US11324325B2; US11602223B2; US11910934B2

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2100539 A1 20090916; NO 20081244 L 20090911; NO 328092 B1 20091207

DOCDB simple family (application)
EP 09154755 A 20090310; NO 20081244 A 20080310