

Title (en)
Extendable seat

Title (de)
Ausziehbarer Sitz

Title (fr)
Siège extensible

Publication
EP 0962170 A2 19991208 (EN)

Application
EP 99650045 A 19990603

Priority
CA 2239650 A 19980604

Abstract (en)
An extendable seat for a chair is disclosed. The chair includes a seat cushion (1) having a first portion (2) proximate to the back of the chair, and a second portion (3) positioned forward of the first portion. The first portion (2) is fixed in the longitudinal plane in relation to the chair back. The second portion (3) has an extending section (4) and a forward section (6). The extending section (4) includes a plurality of transverse slits (5) extending therethrough. The slits are arranged in a plurality of transversely running rows, wherein the extending section lengthens longitudinally upon opening of the slits, and the forward section is moved by the extending section. The extendable seat also includes a support assembly having a first seat pan (10) connected to the first portion (2), a second seat pan (13) connected to the second portion (3), and an actuating structure. The second seat pan (13) is slidably connected to the first seat pan (10). The actuating structure includes a lever having a first end (20), a vertex (22), and a second end (23). The first end (20) of the lever is pivotably connected to the first seat pan (10), the vertex (22) is connected to the second seat pan (13), and the second end (23) is threadably connected to an actuating member (30). The actuating member (30) is adapted to move the second seat pan (13) relative to the first seat pan (10) upon rotational movement of the actuating member (30) about its longitudinal axis. <IMAGE>

IPC 1-7
A47C 1/023

IPC 8 full level
A47C 1/023 (2006.01)

CPC (source: EP)
A47C 1/023 (2013.01)

Citation (applicant)
• US 5370444 A 19941206 - STULIK EDWARD [US]
• US 4773703 A 19880927 - KRUEGENER ROLF [DE], et al

Cited by
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