

Title (en)

A STRUCTURE, ADJUSTABLE IN EXTENSION BY MEANS OF AN INNER CLOSED-CIRCUIT HYDRAULIC DEVICE, PARTICULARLY SUITABLE AS VERTICAL ROD STRUCTURE FOR THE SEAT REST OF A CHAIR

Publication

EP 0211809 A3 19870722 (EN)

Application

EP 86830151 A 19860605

Priority

IT 346285 A 19850611

Abstract (en)

[origin: EP0211809A2] In order to adjust the extension of a twin-section telescopic structure, normally compression loaded, the sections themselves, forced to stretch by an inner coaxial spring, are connected to each other by an inner structure that is also coaxial, can be adjusted in extension and is made up of a cylinder-piston unit of a completely oil filled equal section inner chambers type. One stem of such cylinder+piston unit is fixed to the free end of one of said sections, while the body of the cylinder - piston unit is fixed to the free end of the other telescopic section with interposition of bearings. A cylindrical box is fitted on or in proximity of the piston of the hydraulic unit. This box intercepts special holes through which the pressure chambers of the same unit can be interconnected. The box is forced to close by a spring and can be remote controlled by means of a control rod that passes axially through the stem fixed to one of the telescopic sections and sticks out of that section for the necessary operation.

IPC 1-7

A47C 3/30

IPC 8 full level

A47C 3/30 (2006.01); **F16F 9/00** (2006.01)

CPC (source: EP)

A47C 3/30 (2013.01)

Citation (search report)

[X] DE 3322796 A1 19850103 - HANSEN ECKARD

Cited by

EP0459955A1

Designated contracting state (EPC)

CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 0211809 A2 19870225; **EP 0211809 A3 19870722**; ES 555955 A0 19870301; ES 8703976 A1 19870301; IT 8503462 A0 19850611; JP S6263230 A 19870319

DOCDB simple family (application)

EP 86830151 A 19860605; ES 555955 A 19860611; IT 346285 A 19850611; JP 13397086 A 19860611