

Title (en)
CHAIR FRAME

Publication
EP 0336288 B1 19930127 (DE)

Application
EP 89105589 A 19890330

Priority
CH 127688 A 19880407

Abstract (en)
[origin: EP0336288A1] The chair frame is composed of a seat part (5) and a backrest part (6). Adjoining the knee-side end of the seat part (5) is a flexible spring joint (10) which is attached to the free end of a bearing arm (2) by means of a hinge (11). Attached to the backrest part (6) is a backrest strut (15) which is mounted by means of a hinge (18) on a slide (20) which is guided displaceably in a bearing arm (2). Mounted in the bearing arm (2) is a compression spring (24), one end of which is connected to the slide (20), whereas the other end is mounted by means of a hinge (25) in the side walls of the bearing arm (2). Adjoining the knee-side flexible spring joint (10) is a lever (12), on which an adjusting screw (13) is arranged, with which the prestress of the knee-side flexible spring joint (10) can be adjusted. The chair frame is simple compared to known designs and requires only one small compression spring (24). <IMAGE>

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A47C 1/032; **A47C 3/026**

IPC 8 full level
A47C 1/032 (2006.01); **A47C 3/026** (2006.01)

CPC (source: EP US)
A47C 3/026 (2013.01 - EP US); **A47C 7/441** (2013.01 - EP US); **A47C 7/445** (2013.01 - US); **A47C 7/446** (2013.01 - EP US)

Cited by
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