

Title (en)

A CHAIR BASE AND POST ASSEMBLY FOR AN OFFICE CHAIR

Publication

**EP 0357578 B1 19911009 (EN)**

Application

**EP 89850272 A 19890825**

Priority

US 23946288 A 19880901

Abstract (en)

[origin: EP0357578A1] A chair base and post assembly (11) for an office chair in which the base is formed of one piece of injection molded plastic. The base includes a central tubular hub (13) and integral base arms (15) which extend from the hub. A partially tapered socket (17) extends vertically through the hub. A steel post tube (19) is positioned in the socket and is supported to extend above the hub by a ring (31) welded to the outside of the post tube, which ring rests on the top of the hub. A steel sleeve (47) located in the socket near the top thereof and an internal surface (45) formed as an internal surface of the socket at the bottom thereof provide annular surfaces which engage the post tube to stabilize it vertically. A plastic guide bushing (23) fits inside the steel post tube (19) at its top and receives a pneumatic lift cylinder (21) to stabilize and guide it during its extensions and retractions.

IPC 1-7

**A47C 3/00**; **A47C 7/00**

IPC 8 full level

**A47C 3/00** (2006.01); **A47C 5/12** (2006.01); **A47C 7/00** (2006.01)

CPC (source: EP)

**A47C 5/12** (2013.01); **A47C 7/004** (2013.01)

Cited by

AU729048B2; DE4415056A1; US5454536A; US11375817B2; US11793310B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 0357578 A1 19900307**; **EP 0357578 B1 19911009**; AT E68079 T1 19911015; DE 68900316 D1 19911114; JP H02114912 A 19900427

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