

Title (en)
CHAIR WITH A SEAT AND AN ELASTICALLY YIELDING BACK SUPPORT

Publication
EP 0256064 B1 19900523 (DE)

Application
EP 87901025 A 19870205

Priority
DE 3604534 A 19860213

Abstract (en)
[origin: WO8704909A1] Chair with a seat (3) and a per se elastically-yielding back support (5) consisting of several transverse ribs (9, 10) mutually separated by intermediate spaces (11, 12, 13) and located roughly in the hip region. The ribs (9, 10) are held together by linking elements (17, 18, 19) in such a way that the transverse ribs (9, 10) are rotatable in relation to one another around horizontal axes and that the linking elements (17, 18, 19) consist of the membrane-type hinges (24) which cross over the intermediate spaces (11, 12, 13), with rotation-limiting elements (26, 27), whereby the seat (3), together with the back support (5) and the latter together with the transverse ribs (9, 10) are moulded in one piece from plastic by means of yielding cross-sections formed by the membrane-type hinges (24) and spring elements (25) relating thereto.

IPC 1-7
A47C 7/44

IPC 8 full level
A47C 3/12 (2006.01); **A47C 5/12** (2006.01); **A47C 7/44** (2006.01); **A47C 7/46** (2006.01)

CPC (source: EP US)
A47C 3/12 (2013.01 - EP US); **A47C 5/12** (2013.01 - EP US); **A47C 7/405** (2013.01 - EP US); **A47C 7/445** (2013.01 - EP US); **A47C 7/46** (2013.01 - EP US); **Y10S 297/02** (2013.01 - EP US)

Cited by
US6394992B1; US7333712B2

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 8704909 A1 19870827; DE 3604534 A1 19870820; DE 3762795 D1 19900628; EP 0256064 A1 19880224; EP 0256064 B1 19900523; US 4856846 A 19890815

DOCDB simple family (application)
DE 8700046 W 19870205; DE 3604534 A 19860213; DE 3762795 T 19870205; EP 87901025 A 19870205; US 12612887 A 19871013