

Title (en)

A spring device for a support rod, in particular for curtains

Title (de)

Federvorrichtung für eine Haltestange, insbesondere für Vorhänge

Title (fr)

Dispositif à ressort pour tige de support, en particulier pour des rideaux

Publication

EP 2272404 A2 20110112 (EN)

Application

EP 10165712 A 20100611

Priority

IT MI20091038 A 20090612

Abstract (en)

A spring device for a support rod (5), in particular for curtains, in which said rod comprises a first tubular element (3) and a second tubular element (4), said second tubular element (4) being arranged to be inserted into and to slide at least partially telescopically within said first element (3) such as to enable the rod length to be adjusted, said device comprising a spring (1) to be inserted into the rod (5) and arranged to exert an axial elastic force (F1, F2) which causes one tubular element of the rod to withdraw from the other, an element (2) for adjusting the spring (1) being provided comprising a body (7) having a first elongate portion (7A) presenting a spiral shaped seat (8) shaped to be able to house in its interior a plurality of turns of the spring (1), said body (7) being arranged to be at least partially housed in an end portion (4B) of said second tubular element (4), said body (7) enabling the length of that portion of the spring (1) projecting from said second tubular element (4) to be adjusted, to be then inserted into the other tubular element (3).

IPC 8 full level

A47H 1/022 (2006.01); **A47H 1/08** (2006.01); **A47K 3/38** (2006.01); **E04G 25/04** (2006.01)

CPC (source: EP)

A47H 1/022 (2013.01); **A47H 1/142** (2013.01); **A47K 3/38** (2013.01)

Citation (applicant)

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- US 2006054288 A1 20060316 - BIBBY KEITH [US], et al
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US11690485B1; EP2783606A1; CN111278333A; US2022160158A1; US12082732B2; EP3114969A1; JP2013150664A

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2272404 A2 20110112; **EP 2272404 A3 20121114**; IT 1396180 B1 20121116; IT MI20091038 A1 20101213

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