

Title (en)
DEVICE FOR ADJUSTING THE POSITION OF A SEAT

Title (de)
VORRICHTUNG ZUR SATTELAGENVERSTELLUNG

Title (fr)
DISPOSITIF POUR AJUSTER LA POSITION D'UNE SELLE

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Application
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Abstract (en)
[origin: WO0024629A1] The invention relates to a device for adjusting the position of a seat, especially for bicycles having a seat post pertaining to the frame which comprises a mounting post for mounting a seat. The aim of the invention is to achieve a resilient and long-term stable seat position adjustment within a pre-determined adjustable range and to improve ease of assembly. To this end, two rods which are spaced apart are connected to one another at the mounting piece (18). The first rod is configured as a central rod (7, 46) of constant length having a guide rod (14, 60) which is provided for a first fixation within the seat post (3). Said first rod has an upper stopping element (10) and a lower stopping element (11) between which the guide rod (14,60) is arranged in such a manner that it can be slid along the rod and which serve to define the adjustable range (8). It further comprises an anti-torsional fixation (12) for the seat (5). The second rod is configured as a length-variable outer rod (6, 45) and contains a pneumatic spring rod (9) for length adjustment within the predetermined adjustable range (8). At least one fixing device (25, 26; 51) is provided at the free outer rod area for a second fixation at the exterior of the seat post (3). Said device determines a distance of the outer rod (6, 45) to the central rod axis (36). Means (13, 47) for actuating the pneumatic spring rod (9) are connected to the outer rod (6, 45) and serve to adjust the seat position within the adjustable range (8) as required.

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