

Title (en)
A POSITIONING DEVICE OF AUXILIARY BEARING PLANES OR EXTENSIONS

Title (de)
POSITIONIERVORRICHTUNG FÜR HILFSEBENE ODER VERLÄNGERUNGEN

Title (fr)
DISPOSITIF DE POSITIONNEMENT POUR PLANES OU EXTENSIONS AUXILIAIRES

Publication
EP 2789261 B1 20180711 (EN)

Application
EP 14161324 A 20140324

Priority
IT MI20130559 A 20130409

Abstract (en)
[origin: EP2789261A1] A positioning device of auxiliary bearing planes or extensions (1) unexpectedly capable of a simple and precise movement, comprises: - at least one fixed bearing plane (2), said fixed bearing plane (2) forming a first bearing surface (3); - at least one mobile extension plane or extension (4) forming, with at least one portion thereof, a second bearing surface or extension surface (10); - a support structure (6) mobile along a predefined extension direction (X-X); - at least one sliding structure (5) allowing said support structure (6) sliding along said predefined extension direction (X-X); - at least one articulated quadrilateral mechanism (7); - said articulated quadrilateral mechanism (7) being secured with at least one first connecting rod (8) thereof to the support structure (6); - said articulated quadrilateral mechanism (7) being secured with a second connecting rod (9) thereof to said mobile extension plane or extension (4); - said mobile extension plane or extension (4) being connected to the articulated quadrilateral mechanism (7) so as to move from a first rest position, adapted to store said mobile extension plane or extension (4) so that the second bearing surface (10) thereof is not coplanar to the first bearing surface (3) of the fixed plane, to a second operative position in which it is with at least one part of said second bearing surface (10) coplanar to the first bearing surface (3) of the fixed plane; characterized in that the movement of the articulated quadrilateral occurs along a trajectory (T) that is inclined by a predefined angle (A), with respect to the extension direction (X-X), different from 0 DEG and 90 DEG.

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