

Title (en)

Precision compass with articulated legs and rigid cross-bar.

Title (de)

Präzisionszirkel mit gelenkigem Schenkel und steifer Stange.

Title (fr)

Compas de précision à brisures parallèles et à barre de rigidité.

Publication

**EP 0046830 A1 19820310 (FR)**

Application

**EP 80401223 A 19800827**

Priority

EP 80401223 A 19800827

Abstract (en)

1. Precision type compass comprising two legs (2) each one accommodating at its lower end a hinged attachment, these said attachments (3) (4) are held automatically parallel by means of a stiffener bar (5) which interconnects the said attachments and is slide-fitted in a guide bearing (20) of one of the attachments (3) (4), characterized in that each of the legs is equipped with a flexible yoke in which is hinged the corresponding attachment, in that attachment (4) and guide bearing of bar (5) are provided with a slot longitudinal to the through hole of bar (5), in that the hinge and attachment device (19) of attachment (4) traverses the said slots and that the blocking of these slots also blocks bar (5) in lateral direction and blocks hinge movement of attachments (3) (4) with respect to corresponding legs (2).

Abstract (fr)

Le compas de précision selon l'invention comportant deux brisures parallèles réunies par une barre de rigidité se caractérise essentiellement par le fait qu'il comporte un moyen de blocage et le déblocage rapide agissant simultanément sur la rotation de brisures (3) et (4), les déviations transversales et le mouvement de translation de la barre (5) coulissant dans l'une des brisures et par le fait que la distance des axes d'articulation (19) des brisures à l'axe du palier de guidage en translation est fonction de cette longueur de guidage de la barre (5) pour éviter l'arcboutement au cours de manoeuvre de réglage.

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IPC 8 full level

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