

Title (en)

Device and method for linking and locking two parts and ball bar

Title (de)

Vorrichtung und Verfahren zur Verbindung und zum Verriegeln von zwei Teilen und Kugelleiste

Title (fr)

Dispositif et procédé pour la liaison et le verrouillage de deux pieces et barrette à billes

Publication

**EP 2233026 B1 20120620 (FR)**

Application

**EP 09405056 A 20090325**

Priority

EP 09405056 A 20090325

Abstract (en)

[origin: EP2233026A1] The device has a U-shaped female part (10) provided with a ball bar (12) on one of U-shaped branches (11a, 11b). A male part (21) comprises an end (22) inserted into an opening (23) of the female part. A hinged flap (17) cooperates with the bar, and is mounted on the female part or the male part. The bar has balls arranged at ends of a cylinder. A movable inner stop is arranged between the balls, where axial length of the stop twice the diameters of the balls is greater than distance between lateral faces of the branch in which the bar is situated. Independent claims are also included for the following: (1) a method for connecting and locking two parts (2) a method for producing a ball bar.

IPC 8 full level

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CPC (source: EP US)

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Cited by

EP4176757A1; EP4238447A1

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