

[54] **FLANGED HALF-BEARING FOR MOTOR APPLICATIONS**

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[57] **ABSTRACT**

This invention concerns a flanged half-bearing for motor applications. This half-bearing is of the type consisting of a semi-cylindrical shell, provided with half thrust washers suitable for the axial registering of the shaft, and reacting, therefore, to axial loads.

The connection between semi-cylindrical shell and washers is obtained by hooking appended parts, substantially in convex prism form, present on each washer, between corresponding cavities arranged on the curved edges of the shell. Based on the angle position of the cavities, in relation to the axial plane of symmetry of the shell, and based on the shape of the cavities themselves and of the relative appendages, providing a slight interference in the coupling phase between shell and washer, and taking advantage of the flexibility of the shell, when mounted on the support, a coupling between shell and washer is obtained, which is stable before mounting in place and movable, circumferentially and axially, when mounted on the relative support. The inactivity of the hooking connection between shell and supports after mounting in place, permits the ideal adjustment of the supports themselves, axially and circumferentially.

7 Claims, 11 Drawing Figures

