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(54) Title (EN): COMBINED RADIAL AND AXIAL BEARING

(54) Title (FR): ENSEMBLE COMBINE PALIER RADIAL ET PALIER DE BUTEE

(54) Title (DE): KOMBINIERTES RADIAL- UND AXIALLAGER

(57) Abstract:

(EN): The combined radial and axial bearing is characterized in that the bearing ring (1) of the radial bearing is held on an axial end by a locating bore of the running disc (2) of the axial bearing, and the positive engagement is effected by a ring (3) situated between the bearing ring (1) and the running disc. This ring (3) is designed as to prevent the bearing ring (1) and running discs (2) from turning relative to one another in the circumferential direction while, however, enabling a limited axial displacement.

(FR): L'invention concerne un ensemble combiné palier radial et palier de butée, caractérisé en ce que la bague de roulement (1) du palier radial est disposée sur une extrémité axiale d'un orifice de réception du disque de roulement (2) du palier de butée, et en ce que la liaison de forme est réalisée à l'aide d'une bague (3) qui est disposée entre ladite bague de roulement (1) et le disque de roulement. Cette bague intermédiaire est conçue de façon à empêcher la rotation relative de la bague de roulement (1) et du disque de roulement (2) en direction périphérique, et à permettre néanmoins un déplacement axial limité.

(DE): Ein kombiniertes Radial- und Axiallager zeichnet sich dadurch aus, dass der Lagerring (1) des Radiallagers an einem axialen Ende von einer Aufnahmebohrung der Laufscheibe (2) des Axiallagers aufgenommen ist und der Formschluss durch einen zwischen Lagerring (1) und Laufscheibe angeordneten Ring (3) realisiert ist, der so ausgelegt ist, dass ein Verdrehen von Lagerring (1) und Laufscheiben (2) in Umfangsrichtung zueinander verhindert, ein begrenztes axiales Verschieben aber möglich ist.

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