

Title (en)  
BEARING ASSEMBLY

Title (de)  
LAGERANORDNUNG

Title (fr)  
ENSEMBLE PALIER

Publication  
**EP 2126386 A1 20091202 (DE)**

Application  
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Abstract (en)  
[origin: WO2008092415A1] The invention relates to a pivot bearing assembly (2, 2', 2'') for a shaft (18, 18') or similar that is to be axially guided with precision in a component, for example a housing (22), said shaft being stressed to differing degrees and/or for different periods of time in the two axial directions. The pivot bearing assembly (2) comprises a single-row angular contact ball bearing (4) and a single-row cylindrical roller bearing (6). The angular contact ball bearing (4) is designed to receive the greater main load (20) that occurs during operation, whilst the smaller return force that acts in opposition is absorbed by the cylindrical roller bearing (6) in addition to the radial forces. The quantity of equipment required to absorb the small return force that in general only occurs periodically can thus be kept to a minimum.

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