

Title (en)  
Shaft and bearing assembly

Title (de)  
Wellen- und Lageranordnung

Title (fr)  
Ensemble comprenant un arbre rotatif et un palier à roulement

Publication  
**EP 1617046 A1 20060118 (FR)**

Application  
**EP 05105982 A 20050630**

Priority  
FR 0407854 A 20040715

Abstract (en)  
The assembly has a bearing including a ring (18) fixed to a shaft (16) by a coupling constituted by a set of teeth (164) on the shaft. The ring is fixed in axial direction by a transversal cord in the form of a ring portion. The set of teeth cooperates with studs (17) integrated to the ring. The studs are housed between the teeth set, and are in outer radial support against a surface of cylindrical portion (163) of the shaft.

IPC 8 full level  
**F01D 25/16** (2006.01); **F16B 21/18** (2006.01); **F16C 35/07** (2006.01); **F16D 1/116** (2006.01)

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Citation (search report)

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- [A] EP 0359659 A1 19900321 - SNECMA [FR]
- [A] US 3393533 A 19680723 - HENRY WILKINSON WILFRED
- [A] US 5863137 A 19990126 - JOHNSON JAMES P [US], et al

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ES 2281056 T3 20070916; FR 2873161 A1 20060120; FR 2873161 B1 20081010; US 2006291955 A1 20061228; US 7775723 B2 20100817

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