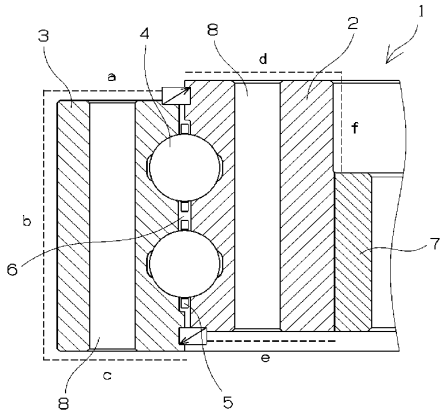
ROLLER BEARING (EP 2749781 A1)

Fig. 2



IntClass:	PubDate:	Appl.No:
F16C 33/62 2006.01 (IA)	20140702	EP12825668
Applicant:	**Inventor:**	**Prio:**
NTN Corporation, 3-17, Kyomachibori 1-chome Nishi-ku, Osaka-shi, Osaka 550-0003, JP	SUZUKI, Katsuhiro, c/o NTN Corporation 3066 Aza Oyumida, Oaza Higashikata, Kuwana-shi, Mie 511-8678, JP; SHIMAZU, Eiichirou, c/o NTN Corporation 5-105Hidamarinooka, Kuwana-shi, Mie 511-0867, JP	JP 20110823 2011181713

The present invention provides a rolling bearing which can be large-sized, is excellent in its corrosion resistance, and is allowed to prevent mounting accuracy from deteriorating, a fixing force from decreasing, vibration from occurring at a portion of the rolling bearing to be fixed to a bearing box or the like, and can be used for a long term even in a highly corrosive environment. A rolling bearing (1) has an inner ring (2), an outer ring (3), androllingelements (4) as bearing members thereof. Of regions of the bearing members which are exposed to a corrosive environment, a film having a sacrificial anode action for a base material of the bearing members is formed in a region including at least a surface (c, d) of the rolling bearing (1) to be fixed. The film formed on the surface (c, d) thereof to be fixed is porous. The base material of the bearing members consists of an iron-based material. The film is a thermal sprayed film formed by using a material containing any of elements zinc, aluminum, and magnesium as a thermal spraying material.

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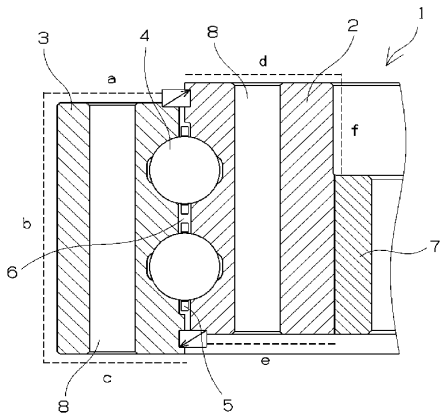

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