

Title (en)  
CORROSION-RESISTANT BEARING

Title (de)  
KORROSIONSBESTÄNDIGES LAGER

Title (fr)  
PALIER RESISTANT A LA CORROSION

Publication  
**EP 1931888 A1 20080618 (DE)**

Application  
**EP 06828802 A 20060928**

Priority

- EP 2006009412 W 20060928
- DE 102005046529 A 20050928
- DE 102005062243 A 20051224

Abstract (en)  
[origin: WO2007036358A1] The invention relates to a bearing of a drive shaft (6) by means of an intermediate bearing (1) and a roller bearing (5, 10, 11) in relation to a housing (3, 7, 8), characterized in that it comprises a locking element (4) which blocks a relative movement in the rotation direction between the housing (3, 7, 8) and the intermediate bearing (1) and allows a relative movement between the housing (3, 7, 8) and the intermediate bearing (1) along the rotational axis of the shaft (6). According to the invention, the material of the locking element has a high resistance to corrosion and consists essentially of brass or stainless steel and the housing (3) comprises a plain bearing bush made of plastics (14).

IPC 8 full level  
**F16C 27/00** (2006.01)

CPC (source: EP US)  
**F16C 19/52** (2013.01 - EP US); **F16C 23/08** (2013.01 - EP US); **F16C 33/20** (2013.01 - EP US); **F16C 35/077** (2013.01 - EP US); **F16C 2226/50** (2013.01 - EP US); **Y10S 384/906** (2013.01 - EP US)

Citation (search report)  
See references of WO 2007036358A1

Designated contracting state (EPC)  
ES GB IT

DOCDB simple family (publication)  
**WO 2007036358 A1 20070405**; EP 1931888 A1 20080618; JP 2009523218 A 20090618; JP 4928554 B2 20120509; US 2008292232 A1 20081127; US 8061902 B2 20111122

DOCDB simple family (application)  
**EP 2006009412 W 20060928**; EP 06828802 A 20060928; JP 2008532668 A 20060928; US 6731706 A 20060928