

Title (en)  
ELASTIC RUBBER BEARING

Title (de)  
ELASTISCHES GUMMILAGER

Title (fr)  
PALIER EN CAOUTCHOUC ELASTIQUE

Publication  
**EP 1534978 A1 20050601 (DE)**

Application  
**EP 03756433 A 20030905**

Priority  
• DE 0302964 W 20030905  
• DE 10241246 A 20020906

Abstract (en)  
[origin: WO2004025138A1] The invention relates to an elastic rubber bearing provided with an intermediate tube, i.e. a bush bearing with a reinforcing insert arranged in the elastomer body of the bearing. The aim of the invention is to develop a bearing which enables pre-tension to be produced in the elastomer inside the body of said bearing after vulcanization has occurred by calibrating the outer sleeve, said pre-tension being distributed as evenly as possible in relation to the periphery and in an axial direction. This is achieved by providing the bearing, which is otherwise constructed in a manner known per se, with a reinforcing element which is embodied in the form of an intermediate tube which is slotted on both sides in relation to the axial extension thereof.

IPC 1-7  
**F16F 1/38**

IPC 8 full level  
**F16F 1/38** (2006.01)

CPC (source: EP US)  
**F16F 1/3863** (2013.01 - EP US)

Citation (search report)  
See references of WO 2004025138A1

Citation (third parties)  
Third party :  
• DE 2108154 A1 19720907  
• DE 19956153 C1 20010726 - JOERN GMBH [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2004025138 A1 20040325**; BR 0306291 A 20040824; DE 10241246 A1 20040325; DE 10241246 B4 20050210; EP 1534978 A1 20050601; US 2004213491 A1 20041028; US 6997614 B2 20060214

DOCDB simple family (application)  
**DE 0302964 W 20030905**; BR 0306291 A 20030905; DE 10241246 A 20020906; EP 03756433 A 20030905; US 85509004 A 20040527