

Title (en)  
BEARING ARRANGEMENT

Title (de)  
LAGERUNG

Title (fr)  
PALIER

Publication  
**EP 0662197 B1 19960501 (DE)**

Application  
**EP 93919317 A 19930910**

Priority  
• DE 4230714 A 19920914  
• DE 4327425 A 19930814  
• EP 9302451 W 19930910

Abstract (en)  
[origin: US5547289A] PCT No. PCT/EP92/02451 Sec. 371 Date Mar. 14, 1995 Sec. 102(e) Date Mar. 14, 1995 PCT Filed Sep. 10, 1993 PCT Pub. No. WO94/07034 PCT Pub. Date Mar. 31, 1994A bearing arrangement at the intake aperture of a centrifugal pump impeller in which a bearing shell (5) arranged in the housing (4) can be fitted from outside the pump. The bearing shell (5) is positioned by a retainer (7) and the flange (10) of a pipe to be connected thereto.

IPC 1-7  
**F04D 29/04**

IPC 8 full level  
**F04D 29/046** (2006.01); **F04D 29/04** (2006.01); **F04D 29/047** (2006.01)

CPC (source: EP US)  
**F04D 29/047** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB IT NL

DOCDB simple family (publication)  
**US 5547289 A 19960820**; DE 4327425 A1 19940317; DE 59302466 D1 19960605; EP 0662197 A1 19950712; EP 0662197 B1 19960501; JP 2829546 B2 19981125; JP H07507123 A 19950803; WO 9407034 A1 19940331

DOCDB simple family (application)  
**US 40368595 A 19950314**; DE 4327425 A 19930814; DE 59302466 T 19930910; EP 9302451 W 19930910; EP 93919317 A 19930910; JP 50777194 A 19930910