

Title (en)

Centrifuge and conduit for supplying and/or removing at least one fluid from the separation unit of a centrifuge to a fixed connection site

Title (de)

Zentrifuge und Leitung zum Zuführen und/oder Abführen mindestens eines Fluids von der Separationseinheit einer Zentrifuge zu einer ortsfesten Anschlussstelle

Title (fr)

Centrifugeuse et conduite d'alimentation et/ou d'évacuation d'au moins un fluide d'une unité de séparation d'une centrifugeuse vers un site de connexion fixe

Publication

EP 0933133 A3 20000621 (DE)

Application

EP 99101930 A 19990129

Priority

DE 19803534 A 19980130

Abstract (en)

[origin: EP0933133A2] A bearing block is fixed to the rotary frame. The bearing block and bushing each have mating, sliding surfaces, which increase in radius such that the bushing receives both radial and axial support. An Independent claim is included for a line (6) supplying and/or taking away fluid from a centrifugal separator, in which a bearing carries and supports the line through the rotating frame. Preferred Features: The bushing is made of softer material than the bearing block. The bearing block is metal, preferably steel. The bushing has a cylindrical section connected to its conical end; both of these sections being matched by bearing block surfaces. The bearing block has a slot along one side to enable the bushing to be introduced. There is a circumferential shoulder at the other end of the bushing.

IPC 1-7

B04B 5/04

IPC 8 full level

B04B 11/00 (2006.01); **B04B 5/04** (2006.01)

CPC (source: EP US)

B04B 5/0442 (2013.01 - EP US); **B04B 2005/0492** (2013.01 - EP US)

Citation (search report)

- [YD] US 4439178 A 19840327 - MULZET ALFRED P [US]
- [Y] WO 9312887 A1 19930708 - BAXTER INT [US]
- [A] US 4114802 A 19780919 - BROWN RICHARD I

Cited by

DE102022114273A1; WO2023237523A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0933133 A2 19990804; EP 0933133 A3 20000621; EP 0933133 B1 20020508; DE 19803534 A1 19990812; DE 19803534 C2 19991111; DE 59901371 D1 20020613; ES 2177149 T3 20021201; JP 4354563 B2 20091028; JP H11262684 A 19990928; US 6273849 B1 20010814

DOCDB simple family (application)

EP 99101930 A 19990129; DE 19803534 A 19980130; DE 59901371 T 19990129; ES 99101930 T 19990129; JP 2156099 A 19990129; US 23331499 A 19990119