

Title (en)

METHOD AND ASSEMBLY FOR SUPPLYING POWER TO AN ACTIVE INDEPENDENT COMPONENT

Title (de)

VERFAHREN UND BAUGRUPPE ZUM VERSORGEN EINER AKTIVEN UNABHÄNGIGEN KOMPONENTE MIT STROM

Title (fr)

PROCÉDÉ ET MONTAGE D'ALIMENTATION ÉLECTRIQUE D'UN COMPOSANT ACTIF AUTONOME

Publication

**EP 1917514 A1 20080507 (FR)**

Application

**EP 06794296 A 20060804**

Priority

- FR 2006001910 W 20060804
- FR 0508680 A 20050823

Abstract (en)

[origin: WO2007023214A1] The invention relates to a method for supplying power to an independent active component and to assembly comprising a rolling bearing and an independent electronic system (8) comprising at least one active component, wherein said assembly comprises at least one area displaying the variations of at least one state during the bearing rotation. Said assembly is characterised in that said area is provided with a substrate (9) comprising means (10) for converting said variations into electric signal, the electronic system is mounted on the substrate (9) together with the active component electrically communicating with the conversion means (10) by means of a signal operating device which is integrated into the system and is used for converting the electric signal into current required for electrically feeding said active component.

IPC 8 full level

**G01M 13/04** (2006.01); **H01L 41/113** (2006.01); **H02N 11/00** (2006.01)

CPC (source: EP US)

**G01M 13/04** (2013.01 - EP US); **H02N 2/18** (2013.01 - EP US); **H02N 11/002** (2013.01 - EP US); **F16C 41/00** (2013.01 - EP US); **F16C 2326/02** (2013.01 - EP US)

Citation (search report)

See references of WO 2007023214A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2007023214 A1 20070301**; EP 1917514 A1 20080507; FR 2890256 A1 20070302; FR 2890256 B1 20130118; JP 2009506737 A 20090212; US 2008231250 A1 20080925

DOCDB simple family (application)

**FR 2006001910 W 20060804**; EP 06794296 A 20060804; FR 0508680 A 20050823; JP 2008527481 A 20060804; US 6454506 A 20060808