

Title (en)

SEALED DEVICE FOR TRANSMITTING A ROTATIONAL MOVEMENT INSIDE A CHAMBER

Title (de)

VERSIEGELTE VORRICHTUNG ZU ÜBERTRAGUNG EINER DREHBEWEGUNG IN EINER KAMMER

Title (fr)

DISPOSITIF ÉTANCHE DE TRANSMISSION D'UN MOUVEMENT DE ROTATION A L'INTÉRIEUR D'UNE CHAMBRE

Publication

EP 2126360 A1 20091202 (FR)

Application

EP 08761880 A 20080213

Priority

- FR 2008000182 W 20080213
- FR 0753340 A 20070219

Abstract (en)

[origin: FR2912788A1] The device has an input section (3) traversing a wall (14) of a flow chamber (7) and rotatably cooperating with a driving unit e.g. motor, and an output section (4) contact with a driving shaft (2) e.g. pump shaft, and inclined of an angle (alpha) with respect to the input section. A sealing envelope (8) covers the crank shaft to inside of the chamber. A set of bellows (9) is provided for assuring the flexibility of the envelope to an intersection between axes (d1, d2) of the input and output sections, and a rigid sleeve (10) prolongs the bellows in an outer direction of the output section. An independent claim is also included for a method for manufacturing a sealing device for transmitting a rotating movement of a crankshaft towards a driven shaft to a chamber.

IPC 8 full level

F04C 15/00 (2006.01); **F16D 3/84** (2006.01)

CPC (source: EP US)

F04C 15/0065 (2013.01 - EP US); **F16D 3/845** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Citation (search report)

See references of WO 2008116983A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

FR 2912788 A1 20080822; CA 2678578 A1 20081002; EP 2126360 A1 20091202; US 2010105487 A1 20100429; WO 2008116983 A1 20081002

DOCDB simple family (application)

FR 0753340 A 20070219; CA 2678578 A 20080213; EP 08761880 A 20080213; FR 2008000182 W 20080213; US 52761708 A 20080218