

Title (en)

FLUID DISPLACEMENT APPARATUS WITH A SPIRAL ELEMENT

Publication

EP 0321781 B1 19920226 (DE)

Application

EP 88120414 A 19881207

Priority

CH 498287 A 19871221

Abstract (en)

[origin: JPH01206101A] PURPOSE: To make distance fluctuation be compensated by connecting a guide eye to a disk-shaped rotor via fin and forming the fin as a tangential extension on an inlet-side end of one of spiral strips. CONSTITUTION: A guide eye 5 of an eccentric guiding arrangement 26, 27 is connected to a disk-shaped rotor 1 via fin 29 with it longitudinal direction tangentially extending toward a spiral and connected with an inlet-side end of a spiral-shaped strip 3. Consequently, since a high rigid in the tangential direction and a high elasticity in a radial direction can be obtained, a distance fluctuation generated between two working points can be compensated automatically.

IPC 1-7

F01C 1/02

IPC 8 full level

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CPC (source: EP US)

F01C 1/0223 (2013.01 - EP US)

Cited by

EP0547491A1; EP0545188A1; EP0545190A1; US5322426A; EP0899423A1; EP0560009A1; DE4207984A1; EP0463370A3

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