

Title (en)

Vane motor rotor

Title (de)

Rotor für Flügelzellenmotor

Title (fr)

Rotor pour moteur rotatif à ailettes

Publication

**EP 1239115 A2 20020911 (EN)**

Application

**EP 02005031 A 20020306**

Priority

IT BO20010121 A 20010306

Abstract (en)

A rotor for pneumatic engine includes a shaft (3) having a drum (2) with a plurality of sectors (4) divided by a plurality of seats (5) for vanes (13). <??>The external portion of each sector (4), has a cavity (6) with a wall (7) that is approximately orthogonal to the direction of a compressed air flow (F), in a facing condition (A), in which the cavity (6) faces an outlet (8) of an inlet duct (9). <??>The wall (7) is fit to increase the engine torque. <IMAGE>

IPC 1-7

**F01C 1/344**; **F01C 21/08**

IPC 8 full level

**F01C 1/344** (2006.01); **F01C 21/08** (2006.01)

CPC (source: EP)

**F01C 1/344** (2013.01); **F01C 1/3441** (2013.01); **F01C 21/08** (2013.01)

Cited by

US7467935B2; US7306440B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1239115 A2 20020911**; **EP 1239115 A3 20040102**; IT BO20010121 A0 20010306; IT BO20010121 A1 20020906

DOCDB simple family (application)

**EP 02005031 A 20020306**; IT BO20010121 A 20010306