

Title (en)

Vane motor rotor

Title (de)

Rotor für Flügelzellenmotor

Title (fr)

Rotor pour moteur rotatif à ailettes

Publication

EP 1239115 A3 20040102 (EN)

Application

EP 02005031 A 20020306

Priority

IT BO20010121 A 20010306

Abstract (en)

[origin: EP1239115A2] 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)

Citation (search report)

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Designated contracting state (EPC)

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