

Title (en)

VANE CELL PUMP

Title (de)

FLÜGELZELLENPUMPE

Title (fr)

POMPE A CELLULES SEMI-ROTATIVES

Publication

**EP 0832361 B1 19991229 (DE)**

Application

**EP 96917505 A 19960607**

Priority

- DE 19521635 A 19950614
- EP 9602484 W 19960607

Abstract (en)

[origin: DE19521635A1] The invention concerns a vane cell pump having a stream-regulator valve (13) on whose regulating piston (17) the outlet pressure and spring force act. Provided in the face plate (7) between a pressure chamber (1) and an outlet duct (19) is a throttle bore (14) with a truncated throttle cone projecting into the pressure chamber. The throttle cone generates a feed stream which is dependent on the rotational speed of the pump and, in the outlet duct (19), acts on the face of the regulating piston (17).

IPC 1-7

**F04C 15/04**

IPC 8 full level

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