

Title (en)

VALVE SYSTEM FOR A VALVE-CONTROLLED COMBUSTION ENGINE

Title (de)

VENTILANORDNUNG FÜR EINEN VENTILGESTEUERTEN VERBRENNUNGSMOTOR

Title (fr)

DISPOSITIF A SOUPAPES POUR MOTEUR A COMBUSTION INTERNE A COMMANDE PAR SOUPAPES

Publication

**EP 0986696 B1 20020327 (DE)**

Application

**EP 98928335 A 19980529**

Priority

- DE 19723923 A 19970606
- EP 9803212 W 19980529

Abstract (en)

[origin: DE19723923A1] The invention relates to a valve system for a valve-controlled combustion engine having an electric linear motor (10) which serves as actuator for a valve member. The linear motor has a rotor (16) which is coupled to a valve member (12), and a stator (18). The stator (18) is made of sheet metal (20), the surface of which is perpendicular to the direction (B) of movement of the rotor (16). The stator (18) is fitted with teeth (22) which face towards the rotor (18) and which each have a closed lateral surface facing the rotor (18).

IPC 1-7

**F01L 9/04**

IPC 8 full level

**F01L 9/20** (2021.01); **F16K 31/06** (2006.01); **H02K 41/03** (2006.01)

CPC (source: EP)

**F01L 9/20** (2021.01); **F01L 2009/2105** (2021.01)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**DE 19723923 A1 19981210**; **DE 19723923 C2 20000621**; DE 59803523 D1 20020502; EP 0986696 A1 20000322; EP 0986696 B1 20020327; JP 2002506499 A 20020226; WO 9855741 A1 19981210

DOCDB simple family (application)

**DE 19723923 A 19970606**; DE 59803523 T 19980529; EP 9803212 W 19980529; EP 98928335 A 19980529; JP 50144999 A 19980529