

Title (en)
Suction module

Title (de)
Saugmodul

Title (fr)
Module d'aspiration

Publication
EP 0725210 B1 19991103 (DE)

Application
EP 96101103 A 19960124

Priority
DE 19503771 A 19950204

Abstract (en)
[origin: EP0725210A1] The unit incorporates a suction line with at least two suction line openings (5,6), of which one (6) leads to the IC engine via a line of constant cross-section. The other opening (5) connects to the engine via a rotary slide valve. The valve consists of a tubular section with a central wall on a dia. along its length. The valve is symmetrical about its rotation axis. The rotary valve is mounted in a flange on the suction module in such a way that it can float to centralise itself in the valve opening.

IPC 1-7
F02D 9/16; **F02M 35/10**

IPC 8 full level
F01L 7/00 (2006.01); **F02B 27/02** (2006.01); **F02D 9/16** (2006.01); **F02M 35/10** (2006.01); **F02M 35/104** (2006.01)

CPC (source: EP KR)
F02D 9/16 (2013.01 - EP); **F02M 35/00** (2013.01 - KR); **F02M 35/10085** (2013.01 - EP); **F02M 35/112** (2013.01 - EP);
F02M 35/10111 (2013.01 - EP); **F02M 35/10321** (2013.01 - EP); **F05C 2225/08** (2013.01 - EP)

Cited by
DE102018201544A1; CN101936225A; FR2757569A1; DE102008064539A1; DE102010008740A1; DE102010008740B4; FR2764940A1;
FR2743111A1; DE10314629B4; FR2774125A1; US6332449B1; FR2765627A1; EP1096119A3; EP1251253A3; US6823838B2; US6308558B1;
WO9939091A1; WO9834017A1; WO0131179A1; WO9927241A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
EP 0725210 A1 19960807; **EP 0725210 B1 19991103**; AR 000791 A1 19970806; BR 9600533 A 19971230; CA 2168798 A1 19960805;
CN 1134507 A 19961030; CZ 23796 A3 19960814; DE 19503771 A1 19960808; DE 59603520 D1 19991209; JP H08254130 A 19961001;
KR 960031777 A 19960917; ZA 96698 B 19960725

DOCDB simple family (application)
EP 96101103 A 19960124; AR 10113596 A 19960124; BR 9600533 A 19960202; CA 2168798 A 19960205; CN 96102578 A 19960201;
CZ 23796 A 19960125; DE 19503771 A 19950204; DE 59603520 T 19960124; JP 1776396 A 19960202; KR 19960001572 A 19960125;
ZA 96698 A 19960130