Title (en)
Compressor valve

Title (de)
Verdichterventil

Title (fr)
Soupape de compresseur

Publication
EP 1022464 A2 20000726 (EN)

Application
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Priority
JP 1048399 A 19990119

Abstract (en)
In a fluid suction/discharge apparatus, a recess is formed with a cylinder and extends from a closed end of the cylinder in the axial direction of the cylinder. The recess comprises deep and shallow recess portions both integral with each other. The shallow recess portion has a bottom to receive a flexible end of the suction reed valve in a suction condition. The deep recess portion forms a passage for fluid while the flexible end of the suction reed valve is received on the bottom of the shallow recess portion. With such structure, the passage for the fluid becomes wide, so that the vibration of the suction reed valve can be prevented. <IMAGE>

IPC 1-7 (main, further and additional classification)
F04B 39/10

IPC 8 full level (invention and additional information)
F04B 39/10 (2006.01)

CPC (invention and additional information)
F04B 39/1073 (2013.01)

Cited by
EP3242023A1; US9605666B2; US8141581B2; US8562311B2; US8684706B2; WO2004106737A1

Designated contracting state (EPC)
DE FR GB IT SE

EPO simple patent family
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2001-07-18 [AX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT TO:
- Free text : AL;LT;LV;MK;RO;SI

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- Free text : AL;LT;LV;MK;RO;SI