

Title (en)
Lysholm compressors

Title (de)
Lysholm Verdichter

Title (fr)
Compresseur du type Lysholm

Publication
EP 0828079 B1 20030312 (EN)

Application
EP 97306761 A 19970902

Priority
JP 23806596 A 19960909

Abstract (en)
[origin: EP0828079A2] A Lysholm compressor comprises male and female rotors (1,2) which are rotatably accommodated within a casing structure comprising two part-cylindrical walls (9a,9b) which constitute a casing (3) and merge together at two cusps (10,11) which project inwardly towards one another. A suction port (4) and a discharge port (6) are provided at respective axial ends of the casing (3). A silencer chamber (13,14) is defined between at least one of the cusps (10,11) and respective associated outer wall portions (12, 15) which are situated outside the associated cusp and are integral with the casing (3). The or each silencer chamber (13,16) has a respective opening (14,17) which communicates with the suction port (4) and the discharge port (6), respectively. <IMAGE>

IPC 1-7
F04C 18/16; **F04C 29/06**

IPC 8 full level
F04C 18/16 (2006.01); **F04C 29/00** (2006.01); **F04C 29/06** (2006.01)

CPC (source: EP)
F04C 18/16 (2013.01); **F04C 29/0035** (2013.01)

Cited by
DE102010015755B4; EP1647713A3; EP1340916A3; EP1831566A4; EP2551527A3; CN111247342A; US7052259B2; US11365735B2; WO2019084019A1

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