

Title (en)
Side-channel compressor

Title (de)
Seitenkanalverdichter

Title (fr)
Compresseur à canal latéral

Publication
EP 0713975 B1 19990407 (DE)

Application
EP 95117862 A 19951113

Priority
DE 4441558 A 19941122

Abstract (en)
[origin: EP0713975A1] The compressor has a rotor wheel housing (3,4), provided with two connections, each with an inlet or outlet opening (6,7) on opposite axial sides, allowing the compressor to be connected to the pipeline either way round. Pref. the connections are provided by a connection block (5), the housing having a number of sealing surfaces (10) matched in size and shape to the inlet/outlet openings, equiangularly spaced around its periphery. A multi-stage compressor can be provided by combining a number of compressor housings.

IPC 1-7
F04D 23/00

IPC 8 full level
F04D 23/00 (2006.01)

CPC (source: EP US)
F04D 23/008 (2013.01 - EP US)

Cited by
DE102007015777A1; DE10344719A1; EP1519049A3; WO2008119769A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0713975 A1 19960529; EP 0713975 B1 19990407; DE 59505581 D1 19990512; JP 3894588 B2 20070322; JP H08210292 A 19960820; US 5718561 A 19980217

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EP 95117862 A 19951113; DE 59505581 T 19951113; JP 32097495 A 19951115; US 53396995 A 19950926