

Title (en)
Radial compressor

Title (de)
Radialverdichter

Title (fr)
Compresseur radial

Publication
EP 0961034 B1 20030903 (DE)

Application
EP 98810487 A 19980525

Priority
EP 98810487 A 19980525

Abstract (en)
[origin: EP0961034A1] The cooling system for a radial compressor has a feed (27) for the coolant gas (31) upstream of the radial gap zone (20) of the dividing gap (18) between the compressor wheel and the housing, opening into the gap. The feed (27) has a supply channel (25). The radial extension (20) of the dividing gap (18) has an entry zone (22) which is radially flush with the supply channel (25).

IPC 1-7
F04D 29/58; **F04D 29/16**

IPC 8 full level
F04D 29/08 (2006.01); **F04D 29/16** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP KR US)
F04D 17/08 (2013.01 - KR); **F04D 29/162** (2013.01 - EP US); **F04D 29/5846** (2013.01 - EP US)

Cited by
DE102005018771A1; DE102005018771B4; US11199201B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0961034 A1 19991201; **EP 0961034 B1 20030903**; CN 1102706 C 20030305; CN 1239193 A 19991222; CN 2381815 Y 20000607; CZ 177899 A3 20000712; CZ 291692 B6 20030514; DE 59809488 D1 20031009; JP 2000054997 A 20000222; JP 4503726 B2 20100714; KR 100537036 B1 20051216; KR 19990088489 A 19991227; TW 562900 B 20031121; US 6238179 B1 20010529

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EP 98810487 A 19980525; CN 99107042 A 19990525; CN 99212341 U 19990525; CZ 177899 A 19990519; DE 59809488 T 19980525; JP 14544299 A 19990525; KR 19990018502 A 19990521; TW 88108094 A 19990518; US 31696499 A 19990524