

Title (en)
REGENERATIVE COMPRESSOR

Publication
EP 0052251 B1 19840118 (DE)

Application
EP 81108652 A 19811021

Priority
DE 3042840 A 19801113

Abstract (en)
[origin: EP0052251A1] 1. A side channel centrifugal compressor, in which the rotor hub (2) is provided with at least two rings of blades (3, 4) to which are assigned active annular channels (51, 52) in the housing (5), and in which a shared central body (6) is arranged between the blade rings, characterised in that the central body (6) is additionally provided with at least two active annular channels (61, 62) which are assigned to the blade sides (31, 41) of the double-suction blade rings (3, 4) which face towards the central body.

IPC 1-7
F04D 23/00

IPC 8 full level
F04D 23/00 (2006.01)

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

Cited by
EP0805275A3; EP0770781A1

Designated contracting state (EPC)
CH FR GB IT LI

DOCDB simple family (publication)
EP 0052251 A1 19820526; EP 0052251 B1 19840118; DE 3042840 A1 19820519; DE 3042840 C2 19840607

DOCDB simple family (application)
EP 81108652 A 19811021; DE 3042840 A 19801113