

Title (en)

RADIAL-TYPE CENTRIFUGAL MACHINE WITH A DISC DIFFUSOR

Publication

EP 0280850 B1 19901227 (DE)

Application

EP 88100577 A 19880116

Priority

DE 3707103 A 19870305

Abstract (en)

[origin: US4824323A] A turbo-operation machine has a rotor disk (2) that rotates in a housing (1) and is surrounded by a disk diffusor. The radial length of the diffusor channel differs locally such that the static pressure at the circumference of the disk diffusor is as uniform as possible.

IPC 1-7

F04D 29/44; **F04D 29/46**

IPC 8 full level

F04D 29/44 (2006.01); **F04D 29/46** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

US 4824323 A 19890425; AT E59439 T1 19910115; DE 3707103 C1 19880128; DE 3861390 D1 19910207; EP 0280850 A2 19880907; EP 0280850 A3 19890802; EP 0280850 B1 19901227; ES 2019408 B3 19910616; GR 3001250 T3 19920730; JP S63253197 A 19881020

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US 16410288 A 19880304; AT 88100577 T 19880116; DE 3707103 A 19870305; DE 3861390 T 19880116; EP 88100577 A 19880116; ES 88100577 T 19880116; GR 900401055 T 19901228; JP 4946888 A 19880302