Title (en)

Conveying device, in particular rotor or stator, to convey a flowing medium, preferably a gas

Title (de)

Förderorgan, insbesondere Rotor oder Stator, zur Förderung eines fliessfähigen, vorzugsweise gasförmigen, Mediums

Title (fr)

Dispositif de convoyage, en particulier rotor ou stator, pour convoyer un medium fluide, de préférence un gaz

Publication

EP 1555440 A3 20051130 (DE)

Application

EP 04029745 A 20041215

Priority

DE 102004001845 A 20040113

Abstract (en)

[origin: EP1555440A2] The rotor has several segments arranged on a central axis. The segments are grouped sequentially in a circumferential direction and from first distance (A) and to a second distance (B). The distance between two segments is less than the distance between a short edge of the segment to distance (A).

IPC 1-7

F04D 29/30; F04D 29/44

IPC 8 full level

F04D 29/30 (2006.01); **F04D 29/44** (2006.01); **F04D 29/54** (2006.01); **F04D 29/66** (2006.01)

CPC (source: EP US)

F04D 29/544 (2013.01 - EP US); **F04D 29/666** (2013.01 - EP US)

Citation (search report)

- [XA] US 2002127109 A1 20020912 - MASUO SATOSHI [JP]
- [X] DE 2524555 A1 19751204 - MITSUBISHI HEAVY IND LTD
- [XA] US 3951567 A 19760420 - ROHS ULRICH
- [X] US 5681145 A 19971028 - NEELY MICHAEL J [US], et al
- [X] EP 0921274 A2 19990609 - UNITED TECHNOLOGIES CORP [US]
- [A] US 5342167 A 19940830 - ROSSEAU TODD D [US]

Cited by

WO2015166150A1; FR3020416A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1555440 A2 20050720; **EP 1555440 A3 20051130**; **EP 1555440 B1 20090304**; DE 102004001845 A1 20050804; DE 502004009082 D1 20090416; US 2005175483 A1 20050811; US 7651316 B2 20100126

DOCDB simple family (application)

EP 04029745 A 20041215; DE 102004001845 A 20040113; DE 502004009082 T 20041215; US 3454005 A 20050113