Title (en)
Flow guidance device

Title (de)
Strömungsführende Einrichtung

Title (fr)
Dispositif transportant un flux

Publication
EP 2386765 A1 20111116 (DE)

Application
EP 11163140 A 20110420

Priority
DE 102010020574 A 20100514

Abstract (en)
The flow-guiding device comprises a shovel which is guided as a profile part having a central part (2). The profile part is section of a strand profile which comprises a support area (6) and a shovel area (4). An angle is formed between the support area and the shovel area. The angle is provided between zero degree and seventy five degree, particularly between zero degree and forty five degree. The strand profile is manufactured from plastic material or metal or plastic metal mixture. Independent claims are also included for the following: (1) a method for manufacturing a flow-guiding device; and (2) a radial pump with a radial pump propeller.

Abstract (de)
Die Erfindung betrifft eine Strömungsführende Einrichtung in einer Strömungsmaschine, wobei die strömungsführende Einrichtung ein zentrales Teil (2) umfasst, insbesondere ein Schaufeln aufweisendes zentrales Teil (2), das als Profilteil (10) ausgeführt ist, wobei das Profilteil (10) ein Abschnitt eines Strangprofils (9) ist.

IPC 8 full level
F04D 29/22 (2006.01)

CPC (source: EP)
F04D 29/2216 (2013.01); **F04D 29/445** (2013.01)

Citation (applicant)
- DE 102007027370 A1 20081218 - WILO AG [DE]
- GB 1140334 A 19690115 - ARMSTRONG LTD S A

Citation (search report)
- [XI] EP 2169236 A1 20100331 - FANDIS S P A [IT]
- [XI] EP 0344327 A1 19891206 - MITSUI TOATSU CHEMICALS [JP], et al
- [A] JP S57119105 A 19820724 - TOHO BESLON CO, et al

Cited by
CN107524628A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2386765 A1 20111116; DE 102010020574 A1 20111117

DOCDB simple family (application)
EP 11163140 A 20110420; DE 102010020574 A 20100514