

Title (en)

BLADE ARRANGEMENT HAVING MICROBLADES

Title (de)

SCHAUFELANORDNUNG MIT MIKROSCHAUFELN

Title (fr)

AGENCEMENT DE PALES COMPORTANT DES MICROPALES

Publication

EP 4374080 A1 20240529 (DE)

Application

EP 22744200 A 20220714

Priority

- DE 102021118564 A 20210719
- EP 2022069793 W 20220714

Abstract (en)

[origin: WO2023001699A1] The invention relates to a centrifugal pump with a blade arrangement. The blade arrangement has a carrier unit (1), on which blades are arranged, which are sub-divided into segments (3). The carrier unit (1) is divided into annular portions (2) which are radially adjoining each other. The segments (3) in the annular portions (2) are arranged offset relative to one another.

IPC 8 full level

F04D 29/22 (2006.01); **F04D 29/24** (2006.01)

CPC (source: EP US)

F04D 29/2222 (2013.01 - EP US); **F04D 29/242** (2013.01 - EP US)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021118564 A1 20230119; CN 117677774 A 20240308; EP 4374080 A1 20240529; JP 2024524746 A 20240705; US 2024328428 A1 20241003; WO 2023001699 A1 20230126

DOCDB simple family (application)

DE 102021118564 A 20210719; CN 202280051403 A 20220714; EP 2022069793 W 20220714; EP 22744200 A 20220714; JP 2024503781 A 20220714; US 202218580238 A 20220714