

Title (en)

CENTRIFUGAL PUMP WITH AN ELECTRONICS HOUSING AND AT LEAST TWO PRINTED CIRCUIT BOARDS

Title (de)

KREISELPUMPE MIT ELEKTRONIKGEHÄUSE UND WENIGSTENS ZWEI PLATINEN

Title (fr)

POMPE CENTRIFUGE DOTÉE D'UN BOÎTIER ÉLECTRONIQUE ET D'AU MOINS DEUX CARTES DE CIRCUITS IMPRIMÉS

Publication

**EP 4314562 A1 20240207 (DE)**

Application

**EP 22719569 A 20220330**

Priority

- DE 102021001715 A 20210401
- EP 2022058447 W 20220330

Abstract (en)

[origin: WO2022207724A1] This invention relates to a centrifugal pump with a two-part electronics housing in which at least two printed circuit boards, which are mounted spatially separated from one another, are mounted and at least one electrical connection is provided between the printed circuit boards, characterized in that the electrical connection is established by means of at least one rigid pin connector, the ends of which are connected or can be connected to suitable pin receptacles of the first and the second printed circuit board, wherein one or more assembly aids are provided in order to simplify the insertion of the pin connector into the pin receptacle of the first and/or the second printed circuit board.

IPC 8 full level

**F04D 13/06** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)

**F04D 13/0686** (2013.01); **F04D 13/0693** (2013.01); **F04D 29/628** (2013.01)

Citation (search report)

See references of WO 2022207724A1

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 102021001715 A1 20221006**; CN 117083461 A 20231117; EP 4314562 A1 20240207; WO 2022207724 A1 20221006

DOCDB simple family (application)

**DE 102021001715 A 20210401**; CN 202280025140 A 20220330; EP 2022058447 W 20220330; EP 22719569 A 20220330