

Title (en)

PUMP COMPRISING AN ELECTRONICS HOUSING AND AT LEAST ONE HEAT SINK

Title (de)

PUMPE MIT EINEM ELEKTRONIKGEHÄUSE UND WENIGSTENS EINEM KÜHLKÖRPER

Title (fr)

POMPE COMPRENANT UN BOÎTIER ÉLECTRONIQUE ET AU MOINS UN DISSIPATEUR THERMIQUE

Publication

EP 4295055 A1 20231227 (DE)

Application

EP 22706842 A 20220221

Priority

- DE 102021000931 A 20210222
- EP 2022054237 W 20220221

Abstract (en)

[origin: WO2022175522A1] The invention relates to a pump, in particular a heating circulation pump, comprising an electronics housing and at least one heat sink which is a component of the electronics housing, the heat sink having a heat sink base plate which forms a base of the electronics housing and on the outer surface of which cooling fins extend, characterised in that at least some of the cooling fins have a curved profile along the heat sink base plate with a defined radius of curvature.

IPC 8 full level

F04D 29/58 (2006.01); **F04D 13/06** (2006.01)

CPC (source: EP)

F04D 13/06 (2013.01); **F04D 29/5813** (2013.01)

Citation (search report)

See references of WO 2022175522A1

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 102021000931 A1 20220825; CN 116867977 A 20231010; EP 4295055 A1 20231227; WO 2022175522 A1 20220825

DOCDB simple family (application)

DE 102021000931 A 20210222; CN 202280016170 A 20220221; EP 2022054237 W 20220221; EP 22706842 A 20220221