

Title (en)
PUMP HAVING A CONTROL PANEL

Title (de)
PUMPE MIT BEDIENFELD

Title (fr)
POMPE PRÉSENTANT UN PANNEAU DE COMMANDE

Publication
EP 4295051 A1 20231227 (DE)

Application
EP 22707107 A 20220221

Priority
• DE 102021000932 A 20210222
• EP 2022054236 W 20220221

Abstract (en)
[origin: WO2022175521A1] This invention relates to a pump, in particular a centrifugal pump, comprising a control panel for manually operating and/or configuring the pump, the control panel having at least one touch-sensitive surface for user inputs, wherein at least one film for sealing the touch-sensitive surface from the environment is applied on the touch-sensitive surface.

IPC 8 full level
F04D 13/06 (2006.01)

CPC (source: EP US)
F04D 13/06 (2013.01 - EP); F04D 13/0686 (2013.01 - EP); G06F 3/0362 (2013.01 - US); G06F 3/0416 (2013.01 - US); G06F 3/0448 (2019.05 - US); F24F 1/0022 (2013.01 - US); F24F 11/65 (2018.01 - US); G05B 2219/2614 (2013.01 - US); G06F 3/03547 (2013.01 - US); G06F 3/04164 (2019.05 - US); G06F 3/044 (2013.01 - US); G06F 3/04847 (2013.01 - US); H10K 50/84 (2023.02 - US); H10K 50/8426 (2023.02 - US); H10K 50/844 (2023.02 - 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 102021000932 A1 20220825; CN 116867974 A 20231010; EP 4295051 A1 20231227; JP 2024507270 A 20240216; US 2024126397 A1 20240418; WO 2022175521 A1 20220825

DOCDB simple family (application)
DE 102021000932 A 20210222; CN 202280016126 A 20220221; EP 2022054236 W 20220221; EP 22707107 A 20220221; JP 2023550702 A 20220221; US 202218278117 A 20220221