

Title (en)
MODULAR PUMP ASSEMBLY

Title (de)
MODULARE PUMPENANORDNUNG

Title (fr)
ENSEMBLE POMPE MODULAIRE

Publication
EP 4239202 A1 20230906 (EN)

Application
EP 22159855 A 20220303

Priority
EP 22159855 A 20220303

Abstract (en)
A modular pump assembly (100) includes a pump housing (110) adapted to house a drive motor (112) therein. The modular pump assembly (100) further includes a first fluid channel (114) and at least one second fluid channel (116). The first fluid channel (114) includes a first end (114A) and a second end (114B) such that the first end (114A) of the first fluid channel (114) is fluidly coupled with the pump housing (110). The at least one second fluid channel (116) includes a first end (116A) and a second end (116B) such that the first end (116A) of the at least one second fluid channel (116) is fluidly coupled with the pump housing (110). The modular pump assembly (100) is characterized in that the second end (114B) of the first fluid channel (114) is adapted to be fluidly coupled with one or more first pump component (120). Further, the second end (116B) of the at least one second fluid channel (116) is adapted to be fluidly coupled with one or more second pump component (130).

IPC 8 full level
F04D 29/42 (2006.01); **F04D 13/16** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP)
F04D 13/16 (2013.01); **F04D 29/4293** (2013.01); **F04D 29/628** (2013.01); **F05D 2230/51** (2013.01); **F05D 2250/52** (2013.01)

Citation (search report)
• [X1] DE 19923350 A1 20000413 - GARDENA KRESS & KASTNER GMBH [DE]
• [X1] EP 2211057 B2 20200902 - HUSQVARNA AB [SE]
• [X1] EP 0663553 B1 19990901 - DAB PUMPS SPA [IT]
• [X1] US 2017198722 A1 20170713 - NUHN IAN [CA]

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)
EP 4239202 A1 20230906; CN 116696790 A 20230905; CN 219529326 U 20230815

DOCDB simple family (application)
EP 22159855 A 20220303; CN 202310200237 A 20230303; CN 202320424188 U 20230303