

Title (en)
PUMP INSTALLATION WITH DETACHABLE MUFFLER

Title (de)
PUMPENANLAGE MIT ABNEHMBAREM SCHALLDÄMPFER

Title (fr)
INSTALLATION DE POMPE AVEC SILENCIEUX DÉTACHABLE

Publication
EP 4071360 B1 20240306 (EN)

Application
EP 22150973 A 20220111

Priority
NL 2027919 A 20210406

Abstract (en)
[origin: EP4071360A1] The invention relates to a pump installation comprising a liquid pump (10), a vacuum pump (60) for withdrawing air from the liquid pump, and a muffler (80) for the vacuum pump, wherein the vacuum pump comprises an air outlet (74) for exhausting air from the diaphragm chamber, and the muffler comprises a muffler cap (81) that is detachably mounted to the vacuum pump to receive air from the air outlet, and a muffler outlet (87) for exhausting the air that is received, wherein the muffler cap comprises a free end edge along which the muffler is mounted to the vacuum pump, wherein in the mounted condition the muffler cap and the vacuum pump together bound a muffler chamber (92), wherein the muffler comprises muffler baffles (93) in the muffler chamber, wherein in the dismounted condition of the muffler the free end edge bounds an access opening of the muffler cap and the muffler baffles extend towards the access opening.

IPC 8 full level
F04B 43/02 (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP)
F04B 43/02 (2013.01); **F04B 53/001** (2013.01); **F04B 53/002** (2013.01); **F04D 9/043** (2013.01)

Cited by
WO2024136642A1

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

DOCDB simple family (publication)
EP 4071360 A1 20221012; **EP 4071360 B1 20240306**; **EP 4071360 C0 20240306**; NL 2027919 B1 20221019

DOCDB simple family (application)
EP 22150973 A 20220111; NL 2027919 A 20210406