

Title (en)
PUMP AND LIQUID SUPPLY APPARATUS

Title (de)
PUMPE UND FLÜSSIGKEITSVERSORGUNGSVORRICHTUNG

Title (fr)
POMPE ET APPAREIL D'ALIMENTATION EN LIQUIDE

Publication
EP 2508761 A4 20170628 (EN)

Application
EP 10834505 A 20101122

Priority
• JP 2009276248 A 20091204
• JP 2010070788 W 20101122

Abstract (en)
[origin: EP2508761A1] A pump (P) includes a holder (6) configured to hold a first conductive wire (20a) for supplying power to a controller (C) for controlling drive of a motor (M) and a plurality of second conductive wires (20b) for sending control signals to the controller (C). The holder (6) includes: a first hole (70b) into which the first conductive wire (20a) is inserted; a plurality of second holes (70a) into which the plurality of second conductive wires (20b) are inserted, the first hole (70b) and second holes (70a) being arranged in parallel; and an insulating portion (75) provided between the first hole (70b) and the second hole (70a) next to the first hole (70b). A distance between the first hole (70b) and the second hole (70a) next to the first hole (70b) is different from a distance between the plurality of second holes (70a).

IPC 8 full level
F04D 29/00 (2006.01); **F04D 13/06** (2006.01)

CPC (source: EP)
F04D 13/06 (2013.01); **F04D 13/0606** (2013.01); **F04D 13/0693** (2013.01)

Citation (search report)
• No further relevant documents disclosed
• See references of WO 2011068053A1

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 2508761 A1 20121010; EP 2508761 A4 20170628; EP 2508761 B1 20180718; JP 2011117378 A 20110616; WO 2011068053 A1 20110609

DOCDB simple family (application)
EP 10834505 A 20101122; JP 2009276248 A 20091204; JP 2010070788 W 20101122