

Title (en)
MOUNTING STRUCTURE OF WATER PUMP

Title (de)
MONTAGESTRUKTUR FÜR WASSERPUMPE

Title (fr)
STRUCTURE DE MONTAGE DE POMPE À EAU

Publication
EP 3239524 A1 20171101 (EN)

Application
EP 15848155 A 20151215

Priority
• CN 201420841359 U 20141227
• CN 2015097407 W 20151215

Abstract (en)
The invention relates to an installation structure of a water pump applied to an aquarium, a garden pond or an aquaculture pond, the installation structure includes a pump body which is provided with a water outlet and an installation base. The installation base is provided with a rotary shaft hole; the pump body is provided with a rotary shaft which is installed in the rotary shaft hole and is rotatable around the rotary shaft hole. When using the water pump with this kind of structure after the installation base is fixed, position and direction of the water outlet is still adjustable by the pump body via rotation of the rotary shaft, so as to achieve a better connection with a pipeline, thereby solving a problem that an elbow is to be relied upon or the pipeline would bend during connection; meanwhile, smoothness of the pipeline facilitates reduction of water flow consumption, and improvement of operation efficiency of the water pump.

IPC 8 full level
F04B 53/00 (2006.01)

CPC (source: EP)
F04B 53/00 (2013.01); **F04D 29/605** (2013.01); **F04D 29/606** (2013.01); **F04D 29/628** (2013.01)

Cited by
CN112112794A

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

DOCDB simple family (publication)
EP 3239524 A1 20171101; **EP 3239524 A4 20180815**; **EP 3239524 B1 20230621**; CN 204458309 U 20150708; WO 2016101805 A1 20160630

DOCDB simple family (application)
EP 15848155 A 20151215; CN 201420841359 U 20141227; CN 2015097407 W 20151215