

Title (en)

Discharge casing and vertical submersible pump provided with the same

Title (de)

ENTLADUNGSGEHÄUSE UND VERTIKALE TAUCHPUMPE DAMIT

Title (fr)

BOÎTIER DE DÉCHARGE ET POMPE SUBMERSIBLE VERTICALE DOTÉE DE CELUI-CI

Publication

EP 2918842 A1 20150916 (EN)

Application

EP 15158639 A 20150311

Priority

JP 2014047190 A 20140311

Abstract (en)

It is an object of the present invention to provide a vertical submersible pump capable of properly releasing air from an internal space of a pump body when a water level is recovered. A discharge casing 9 is used in the vertical submersible pump. The discharge casing 9 includes a joining thread portion 18b formed in at least a part of an outer surface of the discharge casing 9. The joining thread portion 18b is configured to be threadedly engaged with a female thread portion formed in an inner surface of an outer casing 24. At least one air releasing groove 25 that cuts across a thread of the joining thread portion 18b is formed in the joining thread portion 18b.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

JP H027393 U 19900118

Citation (search report)

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CN108700087A; WO2017125294A1

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

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