

Title (en)

PIT BARREL PUMP AND METHOD FOR INCORPORATING SAME

Title (de)

GRUBENFASSPUMPE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)

POMPE À BARIL DE FOSSE ET PROCÉDÉ PERMETTANT D'INCORPORER LADITE POMPE

Publication

EP 2778422 A4 20151104 (EN)

Application

EP 12847327 A 20121016

Priority

- JP 2011246613 A 20111110
- JP 2012076709 W 20121016

Abstract (en)

[origin: EP2778422A1] A pit barrel type pump has a suction vortex preventing means. A vertical shaft pump comprises a pump suction port which is disposed in a lower end part in order to suck in a water, an impeller which is adjacent to the suction port and is attached to a rotary shaft, and a diffuser which is arranged on the downstream side of the impeller to boost the water to which a swirl component has been given by the impeller. A vortex generation preventing device is installed on the lower side of the pump suction port. An outer diameter \varnothing d 0 of the pump suction port and the vortex generation preventing device is made smaller than a maximum outer diameter \varnothing d 3 of the diffuser such that the vortex generation preventing device can be taken out from within the pit together with the vertical shaft pump.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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