

Title (en)

METHOD AND DEVICE FOR OPERATING A WATER JET PUMP

Publication

EP 0011286 B1 19811223 (DE)

Application

EP 79104491 A 19791114

Priority

DE 2850142 A 19781118

Abstract (en)

[origin: EP0011286A1] 1. A method for operating a water-jet pump, in which the water required for operating the pump is recirculated in a circuit, characterised in that the water is pressurized by means of compressed air at an essentially constant air pressure and that compressed air, which was used to expel water through the water-jet pump, is expanded in a defined expansion chamber, heat being with-drawn from the water and absorbed by the air during and after its expansion.

IPC 1-7

F04F 5/04; **F04F 1/10**; **F04B 23/08**; **F25B 9/00**

IPC 8 full level

F04B 23/08 (2006.01); **F04F 1/10** (2006.01); **F04F 5/04** (2006.01); **F04F 5/52** (2006.01); **F25B 9/00** (2006.01)

CPC (source: EP US)

F04F 1/10 (2013.01 - EP US); **F04F 5/04** (2013.01 - EP US); **F25B 9/004** (2013.01 - EP US)

Cited by

EP0175247A1; US8881499B2; US10006448B2; WO2012046080A3

Designated contracting state (EPC)

AT BE CH DE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0011286 A1 19800528; **EP 0011286 B1 19811223**; AT E494 T1 19820115; DE 2850142 A1 19800604; DE 2961617 D1 19820211; JP H0122480 B2 19890426; JP S5572700 A 19800531; US RE31592 E 19840529

DOCDB simple family (application)

EP 79104491 A 19791114; AT 79104491 T 19791114; DE 2850142 A 19781118; DE 2961617 T 19791114; JP 14902079 A 19791119; US 40948282 A 19820819