

Title (en)

Multistage pump especially intended for pumping a multiphase fluid.

Title (de)

Mehrstufige Pumpe, insbesondere bestimmt zur Förderung einer mehrphasigen Flüssigkeit.

Title (fr)

Pompe multi-étagée destinée particulièrement au pompage d'un fluide multiphasique.

Publication

EP 0490773 B1 19951004 (FR)

Application

EP 91403381 A 19911213

Priority

FR 9015698 A 19901214

Abstract (en)

[origin: JPH04292588A] PURPOSE: To provide a multistage pump having an easily installable assembly comprising a shaft and pulsating systems and an easily balanceable rotor. CONSTITUTION: In a multistage pump comprising a main body 2 sealed by a flange 6 formed close to an entrance and a flange 20 formed close to an exit at both ends, pulsating systems 12 coupled with the main body 2, and strainers 14 alternately disposed on the main body 2 with the pulsating systems 12, a shaft 10 is formed with the pulsating systems 12 as an assembly comprising a single member, and washers 3, 30 are installed close to a center part of the main body at least in the number of stages.

IPC 1-7

F04D 1/04; **F04D 29/18**; **F04D 29/62**; **F04D 29/04**

IPC 8 full level

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CPC (source: EP US)

F04D 1/04 (2013.01 - EP US); **F04D 29/0413** (2013.01 - EP US); **F04D 29/043** (2013.01 - EP US); **F04D 29/185** (2013.01 - EP US); **F04D 29/628** (2013.01 - EP US); **F04D 31/00** (2013.01 - EP); **Y10T 29/49336** (2015.01 - EP US); **Y10T 29/49865** (2015.01 - EP US); **Y10T 29/49995** (2015.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI LU NL SE

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