

Title (en)

Submersible pump for coarsely polluted liquids

Title (de)

Tauchmotorpumpe für grob verunreinigte Flüssigkeiten

Title (fr)

Pompe submersible pour liquids souillés par de grosses impuretés

Publication

EP 0704627 B1 19971126 (DE)

Application

EP 95113954 A 19950906

Priority

DE 4434461 A 19940927

Abstract (en)

[origin: EP0704627A1] The pump has an inlet (3), a pump space (4) and a tangential pressure connection (5), with the electric motor (2) enclosed by a mantle space (6), through which the pumped medium is circulated for cooling the motor. A rinsing connection (7) is provided at the opposite end of the mantle space to the pump, for connection to an external rinsing fluid source. When the rinsing connection is not in use it is fitted with a closure cap (8) incorporating a venting system (9).

IPC 1-7

F04D 29/70; F04D 13/08; F04D 9/00; F04D 29/58; F04D 7/04

IPC 8 full level

F04D 7/04 (2006.01); **F04D 9/00** (2006.01); **F04D 13/08** (2006.01); **F04D 29/58** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP)

F04D 7/04 (2013.01); **F04D 9/006** (2013.01); **F04D 13/086** (2013.01); **F04D 29/586** (2013.01); **F04D 29/708** (2013.01); **F05D 2260/604** (2013.01)

Cited by

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DE ES FR GB GR IT

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DE 4434461 A1 19960328; DE 59501033 D1 19980108; EP 0704627 A1 19960403; EP 0704627 B1 19971126

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DE 4434461 A 19940927; DE 59501033 T 19950906; EP 95113954 A 19950906