

Title (en)  
Pump for cistern

Title (de)  
Zisternenpumpe

Title (fr)  
Pompe de citerne

Publication  
**EP 0864759 A3 19990512 (DE)**

Application  
**EP 98101524 A 19980129**

Priority  
DE 29704784 U 19970315

Abstract (en)  
[origin: EP0864759A2] The pressure pump (1) has a lateral suction connection (2) equipped with an horizontally directed fitment piece (5) with defined connecting apertures. This fitment piece consists of a nipple with a metric thread. The cistern pump (3) is completely encapsulated and the electric motor (4) has a vertically arranged shaft, which is mechanically connected with the pressure pump part. The pressure pump is a multi-stage centrifugal pump, whose shaft is aligned with that of the electric motor. The pressure side of the pump is connected with a double-walled tube, which is positioned as cooling cover around the electric motor. The suction connection is connected with an extension piece for a suction filter. The pump with its under side is anchored to a stand plate (9), which has vibration dampers (10,11).

IPC 1-7  
**F04D 29/40**; **F04D 13/08**

IPC 8 full level  
**F04D 13/08** (2006.01); **F04D 29/70** (2006.01)

CPC (source: EP)  
**F04D 13/086** (2013.01); **F04D 29/708** (2013.01)

Citation (search report)  
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Designated contracting state (EPC)  
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**DE 29704784 U1 19970507**; EP 0864759 A2 19980916; EP 0864759 A3 19990512

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