

Title (en)  
Hydraulic motor-pump unit

Title (de)  
Hydraulisches Motorpumpenaggregat

Title (fr)  
Ensemble moto-pompe hydraulique

Publication  
**EP 0940578 B1 20040506 (DE)**

Application  
**EP 98109213 A 19980520**

Priority  
DE 29802441 U 19980212

Abstract (en)  
[origin: EP0940578A1] the system (A) has a housing (G) with a reservoir . for a compressed liquid to be supplied. At least one pump element (P) driven by the shaft (W) of a collector motor (M) is arranged in the liquid. A capsule (K) enclosing the pump is attached to the housing. The capsule is mounted inside the housing and bounds the reservoir together with the housing. The capsule is mounted in the housing up to 60 to 100 per cent, pref. 85 per cent, of its length.

IPC 1-7  
**F04B 17/03**; **F04B 23/02**

IPC 8 full level  
**F04B 17/03** (2006.01); **F04B 23/02** (2006.01)

CPC (source: EP)  
**F04B 17/03** (2013.01); **F04B 23/02** (2013.01)

Cited by  
EP1731762A1; US7448858B2; US8220380B2; US6942468B2; WO0196742A1; EP2241753A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0940578 A1 19990908**; **EP 0940578 B1 20040506**; AT E266148 T1 20040515; DE 29802441 U1 19980507; DE 59811331 D1 20040609

DOCDB simple family (application)  
**EP 98109213 A 19980520**; AT 98109213 T 19980520; DE 29802441 U 19980212; DE 59811331 T 19980520