

Title (en)  
Centrifugal pump assembly

Title (de)  
Kreispumpenaggregat

Title (fr)  
Ensemble de pompe centrifuge

Publication  
**EP 0907029 B1 20030910 (DE)**

Application  
**EP 98118524 A 19980930**

Priority  
DE 19743833 A 19971004

Abstract (en)  
[origin: EP0907029A2] The pump has connection sockets with at least one formed as a connection flange (5). This has a sealing flange (8) with end-sided sealing face (11) and a surrounding one-part flange (9) for fastener elements. Sealing and fastener flanges are positively connected via a one-part holder ring (10), fitted into a circumferential groove (13) between the flanges. A suction socket and a pressure socket are located aligned on the pump housing, each with a sealing and a fastener flange.

IPC 1-7  
**F04D 29/40**; **F16L 23/024**

IPC 8 full level  
**F04D 29/40** (2006.01); **F16L 23/024** (2006.01)

CPC (source: EP)  
**F04D 29/406** (2013.01); **F04D 29/4293** (2013.01)

Cited by  
CN113217468A; CN109751266A; EP2112380A1; EP3269984A1; IT201600072971A1; CN110469732A; WO2007014876A1

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0907029 A2 19990407**; **EP 0907029 A3 19991013**; **EP 0907029 B1 20030910**; DE 19743833 A1 19990415; DE 59809550 D1 20031016

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