

Title (en)  
PERIPHERAL PUMP

Title (de)  
PERIPHERALPUMPE

Title (fr)  
POMPE TOURBILLONNAIRE

Publication  
**EP 0894196 B1 20020717 (DE)**

Application  
**EP 97920637 A 19970410**

Priority  
• DE 19615322 A 19960418  
• EP 9701772 W 19970410

Abstract (en)  
[origin: DE19615322A1] The invention relates to a peripheral pump with an impeller (2) turning in a pump case (1) and with two delivery chambers (11, 12) extending on both sides of the faces (3, 4) and each having a circular cross-section. Said delivery chambers (11, 12) have a mutual connection (13) due to overlapping of the cross-sections thereof. Consequently, the liquid can flow freely from the one delivery chamber (11) to the other delivery chamber (12). The one delivery chamber (11) has a connection with an inlet port, while the other delivery chamber (12) is connected to an outlet port.

IPC 1-7  
**F04D 5/00**; **F04D 29/18**

IPC 8 full level  
**F04D 5/00** (2006.01); **F04D 29/18** (2006.01)

CPC (source: EP KR US)  
**F04D 5/00** (2013.01 - KR); **F04D 5/002** (2013.01 - EP US); **F04D 29/188** (2013.01 - EP US); **F05D 2260/34** (2013.01 - EP US); **F05D 2260/35** (2013.01 - EP US)

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**DE 19615322 A1 19971023**; AR 011761 A1 20000913; AU 2694997 A 19971112; AU 719375 B2 20000511; BR 9708779 A 19990803; CN 1093921 C 20021106; CN 1216597 A 19990512; DE 59707730 D1 20020822; EP 0894196 A1 19990203; EP 0894196 B1 20020717; ES 2180980 T3 20030216; KR 20000005502 A 20000125; US 6231300 B1 20010515; WO 9740274 A1 19971030

DOCDB simple family (application)  
**DE 19615322 A 19960418**; AR P970101513 A 19970415; AU 2694997 A 19970410; BR 9708779 A 19970410; CN 97193944 A 19970410; DE 59707730 T 19970410; EP 9701772 W 19970410; EP 97920637 A 19970410; ES 97920637 T 19970410; KR 19980708292 A 19981016; US 17137499 A 19990304