

Title (en)  
Pump

Title (de)  
Pumpe

Title (fr)  
Pompe

Publication  
**EP 0801229 B1 20021204 (DE)**

Application  
**EP 97101438 A 19970130**

Priority  
• DE 19609712 A 19960313  
• DE 19638080 A 19960919

Abstract (en)  
[origin: EP0801229A2] An outer part (8) of the running wheel (3) extends out of the pump housing (2). With rotation of the running wheel materials picked up by the worm shape of the outer running wheel are drawn into the running wheel aperture of the pump housing as pump input and are impelled. A somewhat tangential pump outlet (10) is provided in the torus-shaped pump housing and a drivable pump shaft (4) is connected coaxially with the outer running wheel part. A striker strip edge (17,18) or the worm periphery edge (9) have cavities (25) or raised formations (26) as obstructions for the disintegration of the solid material moved past the outer running wheel part.

IPC 1-7  
**F04D 7/04**; **F04D 29/22**

IPC 8 full level  
**F04D 7/04** (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP)  
**F04D 7/045** (2013.01)

Cited by  
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Designated contracting state (EPC)  
AT CH DE DK FR IT LI NL

DOCDB simple family (publication)  
**EP 0801229 A2 19971015**; **EP 0801229 A3 19990107**; **EP 0801229 B1 20021204**; AT E229128 T1 20021215; DE 59708857 D1 20030116

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