

Title (en)  
Impeller for a centrifugal dish washer pump

Title (de)  
Pumpenlaufrad für eine in Geschirrspülmaschinen einsetzbare Umwälzpumpe

Title (fr)  
Roue d'une pompe centrifuge pour lave-vaisselle

Publication  
**EP 1126180 A3 20020814 (DE)**

Application  
**EP 00126832 A 20001207**

Priority  
DE 10006983 A 20000216

Abstract (en)  
[origin: EP1126180A2] The pump impeller comprises impeller blades(3) extending radially from the hub towards the periphery, and installed on a front shroud on the inlet side and/or rear shroud on the pump casing side. The impeller is constructed semi-shrouded, and manufactured as an injection moulded part with a cast-in ceramic support bearing ring(2). The shrouds overlap the impeller blades on the front and rear sides only partially, with the front shroud(5) being in ring form, and the rear shroud(6) as a closed disc with an external diameter the same or smaller than the internal diameter of the front shroud.

IPC 1-7  
**F04D 29/22**; F04D 29/10; A47L 15/42; D06F 39/08

IPC 8 full level  
**A47L 15/42** (2006.01); **D06F 39/08** (2006.01); **F04D 29/10** (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP)  
**F04D 29/2222** (2013.01)

Citation (search report)

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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1126180 A2 20010822**; **EP 1126180 A3 20020814**; **EP 1126180 B1 20050302**; AT E290169 T1 20050315; DE 10006983 A1 20010823; DE 50009642 D1 20050407; ES 2234504 T3 20050701

DOCDB simple family (application)  
**EP 00126832 A 20001207**; AT 00126832 T 20001207; DE 10006983 A 20000216; DE 50009642 T 20001207; ES 00126832 T 20001207