

Title (en)
Self-priming centrifugal pump

Title (de)
Selbstansaugende Kreiselpumpe

Title (fr)
Pompe centrifuge auto-amorçante

Publication
EP 1327781 A3 20041201 (DE)

Application
EP 03000155 A 20030104

Priority
DE 10200579 A 20020109

Abstract (en)
[origin: EP1327781A2] The pump has all the parts of the pump coming into contact with the material being pumped made of a material which meets the appropriate requirements for sterility, or coated with such a material The induction cover (2) and the flow channel housing (6), like all the other static components open to the functional cavities, are sealed off from each other.

IPC 1-7
F04D 9/02; **F04D 9/04**; **F04D 7/02**

IPC 8 full level
F04D 7/02 (2006.01); **F04D 9/04** (2006.01); **F04D 29/02** (2006.01)

CPC (source: EP)
F04D 7/02 (2013.01); **F04D 9/041** (2013.01); **F04D 29/026** (2013.01); **F05D 2300/171** (2013.01); **F05D 2300/43** (2013.01)

Citation (search report)
• [X] US 3551067 A 19701229 - WISSMAN JACK L
• [X] US 5509779 A 19960423 - MORI YOJI [JP], et al
• [A] US 5338151 A 19940816 - KEMMNER ULRICH [DE], et al
• [A] DE 4400289 A1 19950713 - KLEIN SCHANZLIN & BECKER AG [DE]

Cited by
CN104884742A; EP3287643A1; CN114251269A; CN110017299A; WO2014095843A1

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

DOCDB simple family (publication)
EP 1327781 A2 20030716; **EP 1327781 A3 20041201**; **EP 1327781 B1 20070620**; AT E365275 T1 20070715; DE 10200579 A1 20030710; DE 10200579 B4 20130606; DE 50307499 D1 20070802; DK 1327781 T3 20071015; ES 2289186 T3 20080201

DOCDB simple family (application)
EP 03000155 A 20030104; AT 03000155 T 20030104; DE 10200579 A 20020109; DE 50307499 T 20030104; DK 03000155 T 20030104; ES 03000155 T 20030104