

Title (en)

SECTIONAL-CASING-DESIGN ROTARY PUMP.

Title (de)

KREISELPUMPE IN GLIEDERGEHÄUSEBAUART.

Title (fr)

POMPE ROTATIVE COMPORTANT UN CARTER A PLUSIEURS SECTIONS.

Publication

EP 0662196 A1 19950712 (DE)

Application

EP 93920801 A 19930922

Priority

- DE 4232020 A 19920924
- EP 9302570 W 19930922

Abstract (en)

[origin: WO9407031A1] Sectional-casing-design rotary pump in which the casing sections (8, 9) have a cylindrical outer casing and internal wall sections (12-15) in one piece therewith. The outer casing of at least one casing component (8, 9) consists of an outer continuous casing component (24, 25) and at least two separate inner casing components (19-22) with the appropriate internal wall sections (12-15). The outer and inner casing components are preferably firmly secured together, especially by shrink-fitting.

IPC 1-7

F04D 1/06; **F04D 29/42**

IPC 8 full level

F04D 1/06 (2006.01); **F04D 9/04** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)

F04D 1/066 (2013.01 - EP US); **F04D 9/04** (2013.01 - EP US); **F04D 29/426** (2013.01 - EP US)

Citation (search report)

See references of WO 9407031A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9407031 A1 19940331; AT E146564 T1 19970115; AU 4818793 A 19940412; AU 672620 B2 19961010; CA 2144443 A1 19940331; CA 2144443 C 20000502; DE 4232020 A1 19940331; DE 59304838 D1 19970130; DK 0662196 T3 19970609; EP 0662196 A1 19950712; EP 0662196 B1 19961218; ES 2097540 T3 19970401; FI 105126 B 20000615; FI 951381 A0 19950323; FI 951381 A 19950323; GR 3022695 T3 19970531; US 5549450 A 19960827

DOCDB simple family (application)

EP 9302570 W 19930922; AT 93920801 T 19930922; AU 4818793 A 19930922; CA 2144443 A 19930922; DE 4232020 A 19920924; DE 59304838 T 19930922; DK 93920801 T 19930922; EP 93920801 A 19930922; ES 93920801 T 19930922; FI 951381 A 19950323; GR 970400376 T 19970227; US 40371095 A 19950316