

Title (en)
COOLING WATER PUMP AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
KÜHLWASSERPUMPE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
POMPE A EAU DE REFROIDISSEMENT ET SON PROCEDE DE PRODUCTION

Publication
EP 1062430 A1 20001227 (DE)

Application
EP 99915496 A 19990304

Priority
• DE 9900576 W 19990304
• DE 19811598 A 19980317

Abstract (en)
[origin: US6508625B1] The object is, by simple measures, to ensure a particularly smooth inner surface and maintain particularly high dimensional accuracy of a pump housing of a cooling-water pump for a power plant. For this purpose, the cast-concrete pump housing of the cooling-water pump has, according to the invention, a number of formwork elements made of glass-fiber reinforced plastic.

IPC 1-7
F04D 29/42; **F04D 29/02**

IPC 8 full level
F04D 13/00 (2006.01); **F04D 29/02** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP KR US)
F04D 29/026 (2013.01 - EP US); **F04D 29/42** (2013.01 - KR); **F04D 29/426** (2013.01 - EP US); **F04D 29/4286** (2013.01 - EP US);
F05D 2300/43 (2013.01 - EP US); **F05D 2300/603** (2013.01 - EP US); **Y10S 415/915** (2013.01 - EP US); **Y10T 29/49243** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
US 6508625 B1 20030121; AT E295940 T1 20050615; CN 1108458 C 20030514; CN 1293737 A 20010502; DE 19811598 A1 19990923;
DE 19811598 C2 19991223; DE 59912071 D1 20050623; EP 1062430 A1 20001227; EP 1062430 B1 20050518; ES 2242391 T3 20051101;
JP 2002506953 A 20020305; JP 4315594 B2 20090819; KR 100571754 B1 20060418; KR 20010041892 A 20010525; RU 2213273 C2 20030927;
WO 9947816 A1 19990923

DOCDB simple family (application)
US 66358800 A 20000918; AT 99915496 T 19990304; CN 99803970 A 19990304; DE 19811598 A 19980317; DE 59912071 T 19990304;
DE 9900576 W 19990304; EP 99915496 A 19990304; ES 99915496 T 19990304; JP 2000536977 A 19990304; KR 20007010194 A 20000915;
RU 2000126292 A 19990304