

Title (en)
Centrifugal pump

Title (de)
Kreispumpe

Title (fr)
Pompe centrifuge

Publication
EP 0943809 A3 20000719 (DE)

Application
EP 99890088 A 19990311

Priority
AT 46398 A 19980316

Abstract (en)
[origin: EP0943809A2] The centrifugal pump has a pump wheel (27) on a drive shaft (26) and a multi-part casing (22), partly made of plastic, containing an induction cavity (24) on the drive side of the pump wheel and a spiral compression cavity (25). The metal bearing carrier (23) and plastic part (30) of the casing bound the induction cavity, which is preferably removable from the bearing carrier.

IPC 1-7
F04D 29/42; **F04D 29/62**

IPC 8 full level
F04D 29/42 (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP US)
F04D 29/426 (2013.01 - EP US); **F04D 29/628** (2013.01 - EP US); **F05C 2225/00** (2013.01 - EP US)

Citation (search report)
• [A] US 5044883 A 19910903 - NEUEDER LUDWIG [DE] & EP 0208074 A2 19870114 - THYSSEN PLASTIK ANGER KG [DE]
• [DA] DE 3316927 A1 19841115 - BLUM ALBERT
• [DA] DE 4319618 A1 19941215 - WILO GMBH [DE]
• [A] US 4822241 A 19890418 - JARVIS WILBUR W [US], et al

Cited by
EP1120572A3

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

DOCDB simple family (publication)
EP 0943809 A2 19990922; **EP 0943809 A3 20000719**; **EP 0943809 B1 20020605**; AT 408791 B 20020325; AT A46398 A 20010715; AT E218676 T1 20020615; DE 59901585 D1 20020711; ES 2175924 T3 20021116; US 6158958 A 20001212

DOCDB simple family (application)
EP 99890088 A 19990311; AT 46398 A 19980316; AT 99890088 T 19990311; DE 59901585 T 19990311; ES 99890088 T 19990311; US 26867599 A 19990316